

Thermal Print Heads

For barcode and label printers

BHF/BHP series

Type:	BHF-SS/BHP-SS No heat history control
	BHF-HS/BHP-HS High-speed with three-stage LATCH heat history control
	BHP-FS High-speed with five-stage LATCH heat history control
	BHP-WS Supporting binary date inputting for two-color printing

Issue date: July 2011

- All specifications are subject to change without notice.
 - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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Thermal Print Heads

For Barcode and Label Printers

BHF3213SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

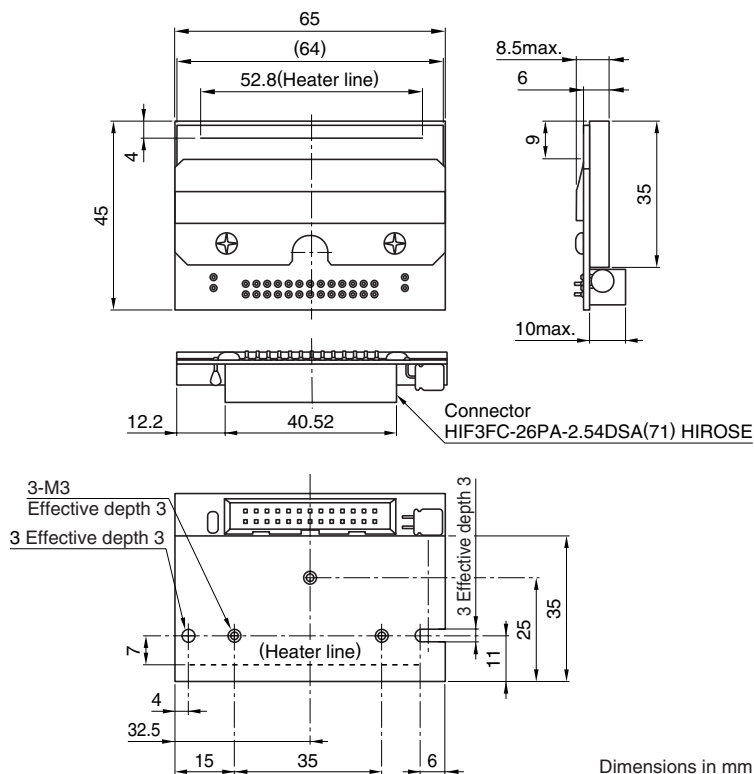
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	320
Dot density	(dots/mm)	6
	(DPI)	154
Length of heating element array (effective)	(mm)	52.8
Heating element average resistance	(Ω)	375
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 25$ max.
Data transfer frequency	(MHz)	4max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4216SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

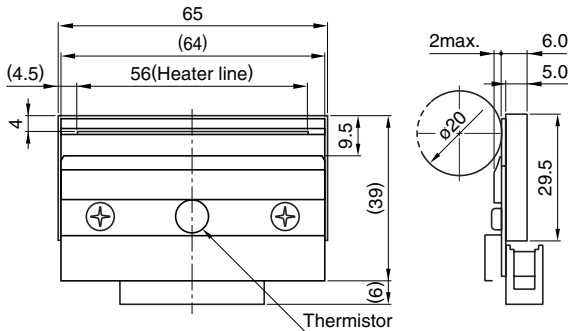
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	448
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	56
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

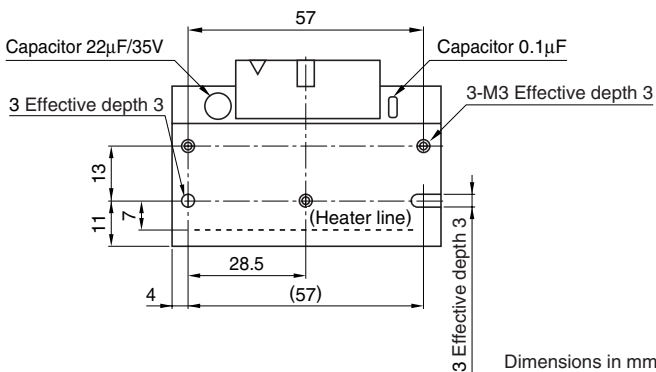
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Connector HIF3F-20PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4217SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

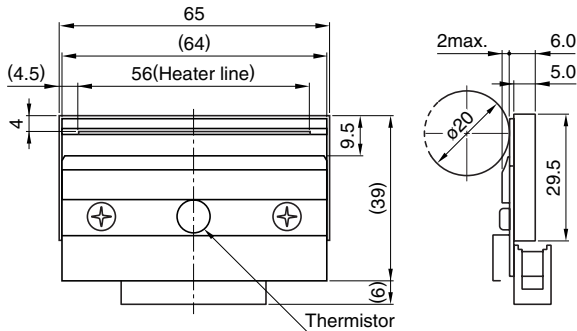
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	448
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	56
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

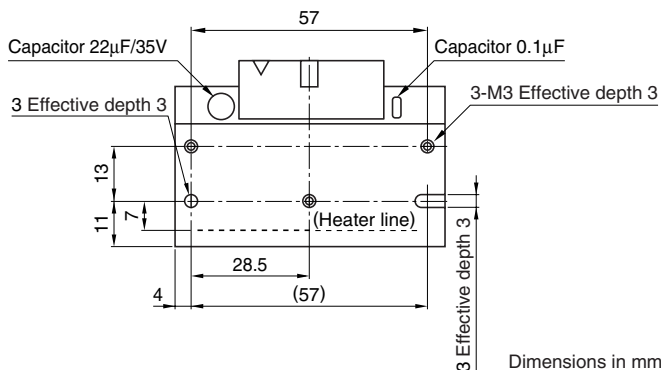
DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Connector
HIF3F-20PA-2.54DS(71)(HIROSE)



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4313SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

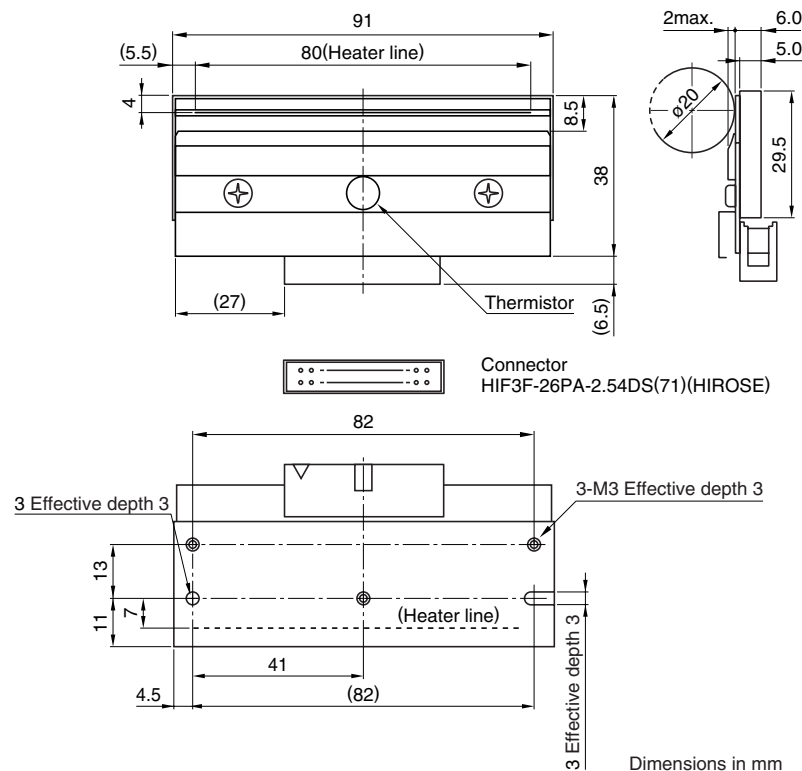
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4314SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

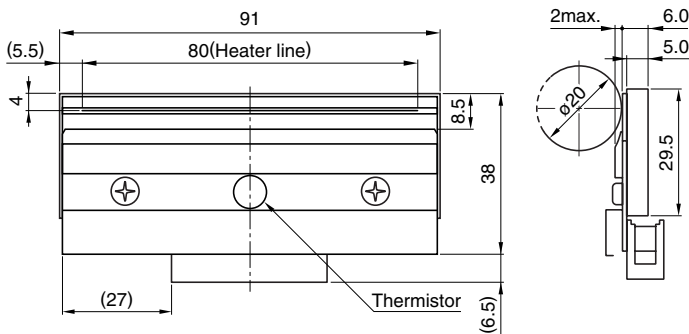
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

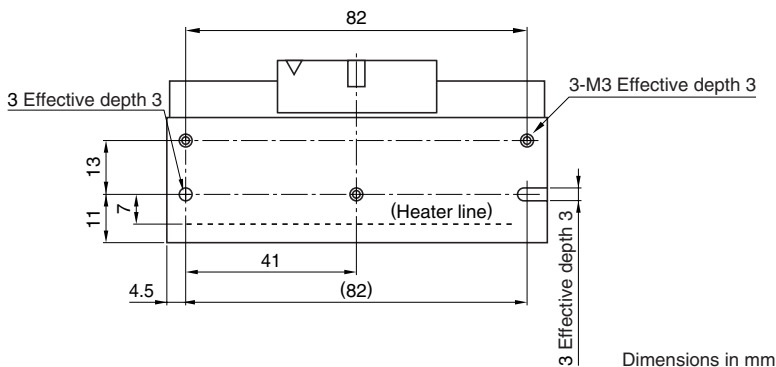
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



 Connector HIF3F-26PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4425SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

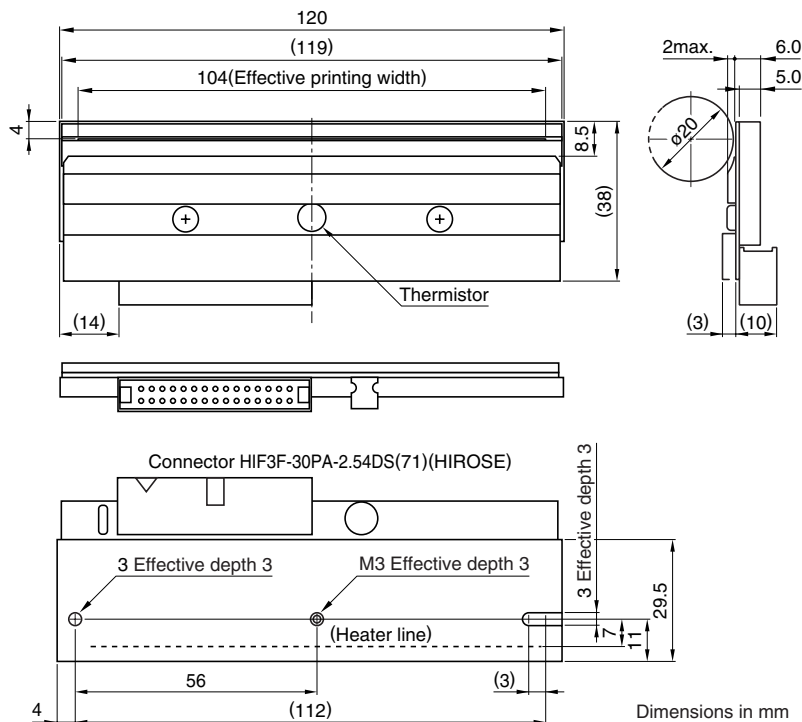
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	832
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	104
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4426SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

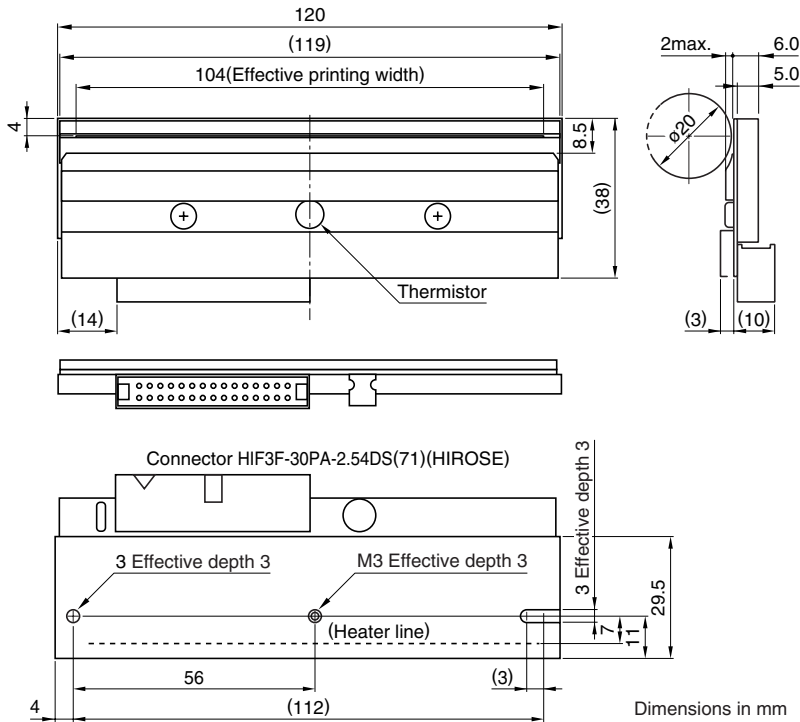
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	832
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	104
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4427SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

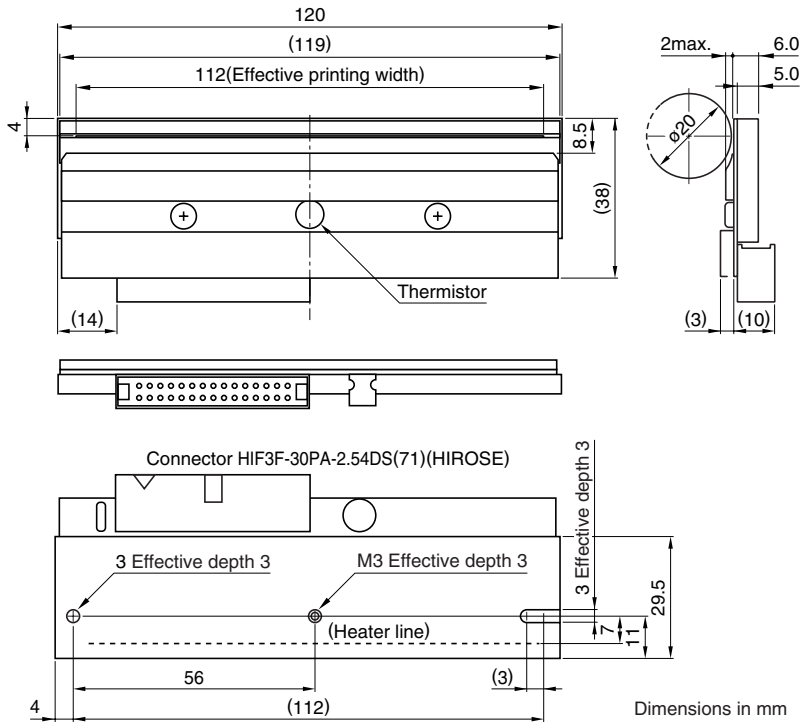
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	896
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4428SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

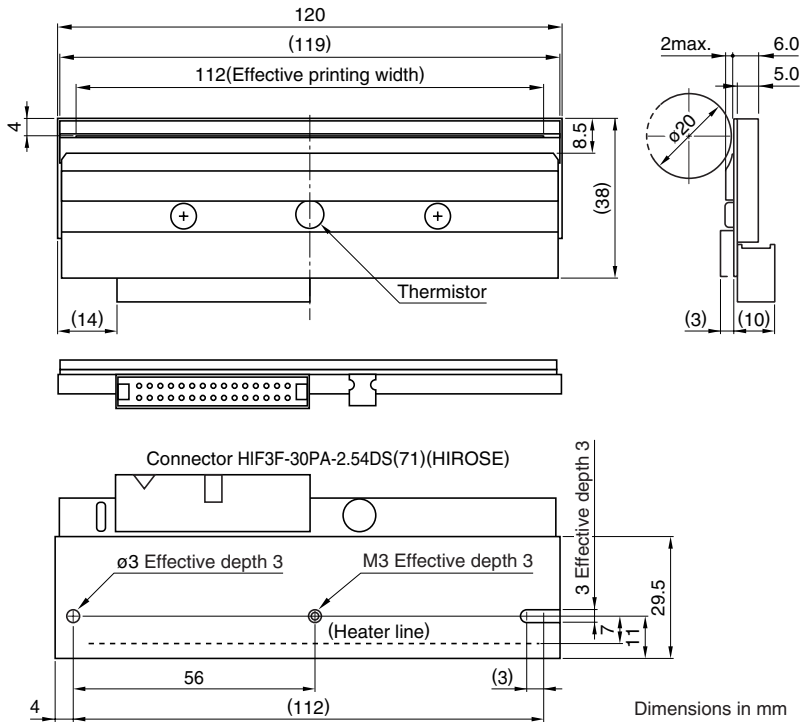
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	896
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4501SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

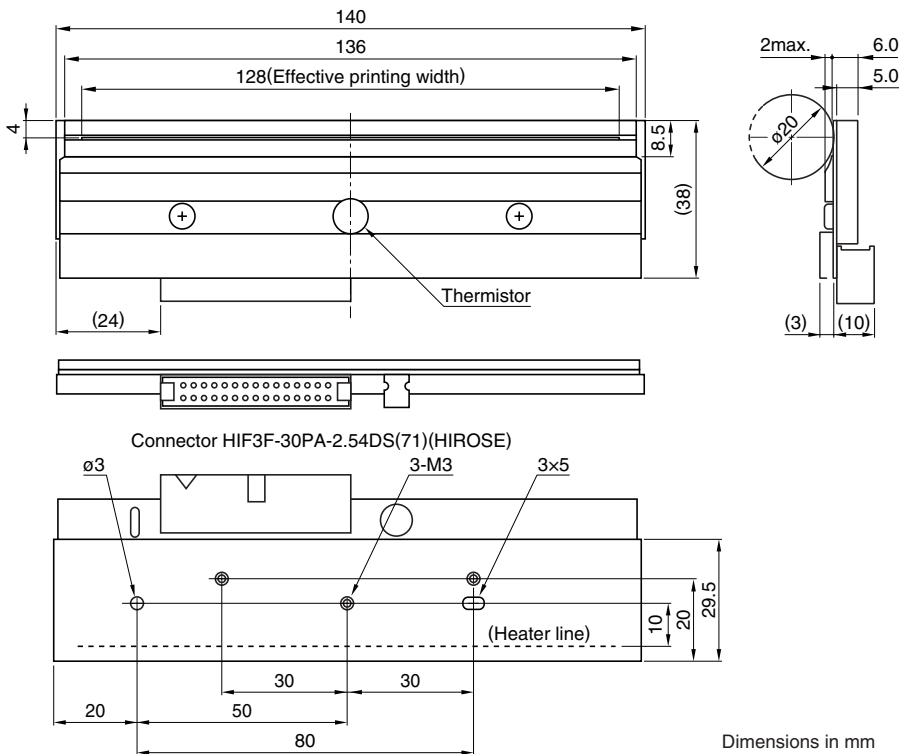
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1024
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4502SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

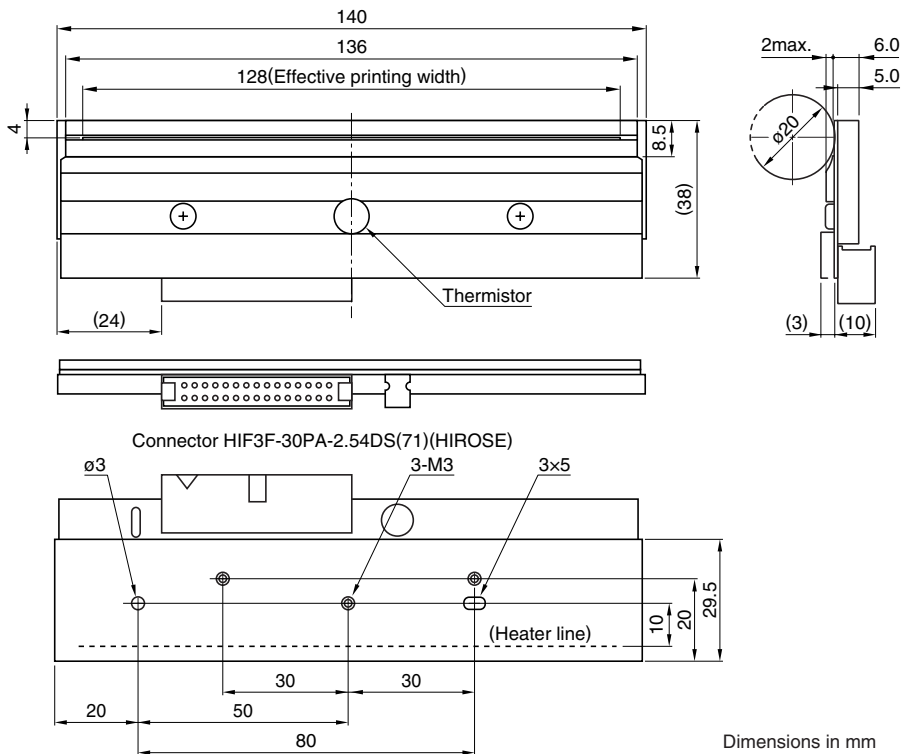
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1024
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4A01SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

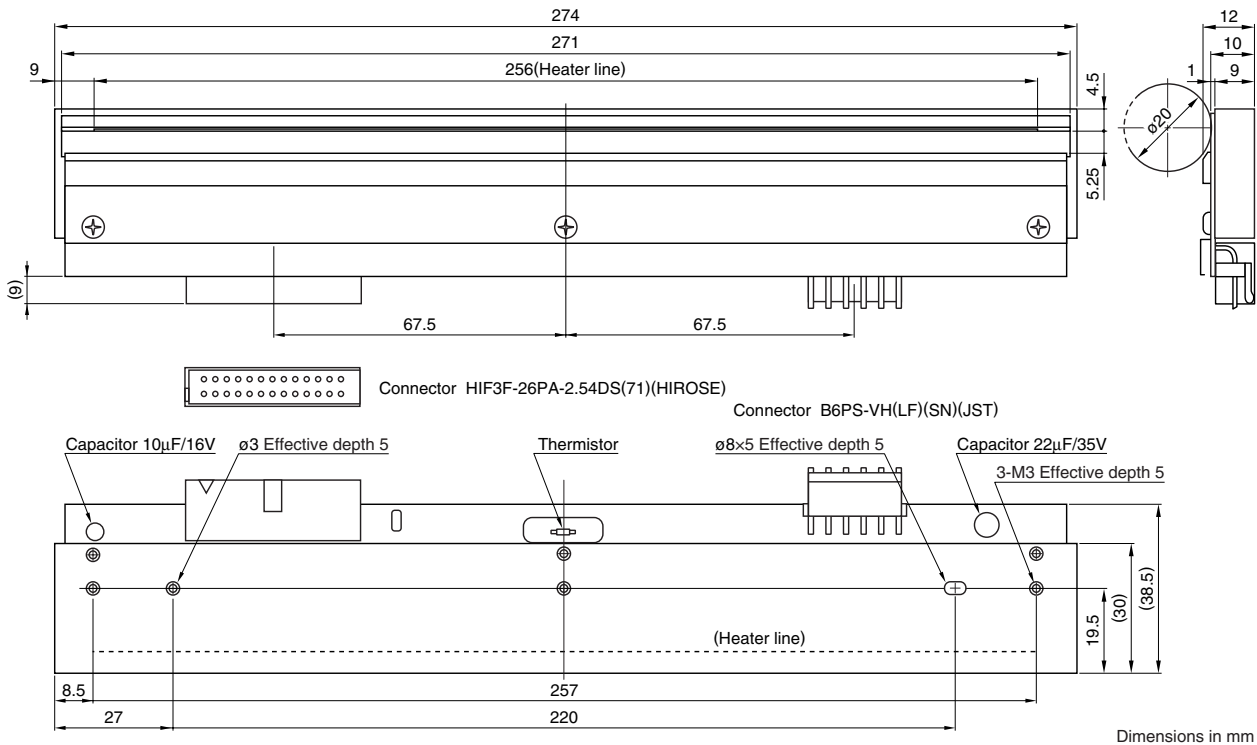
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	2048
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	256
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6203SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

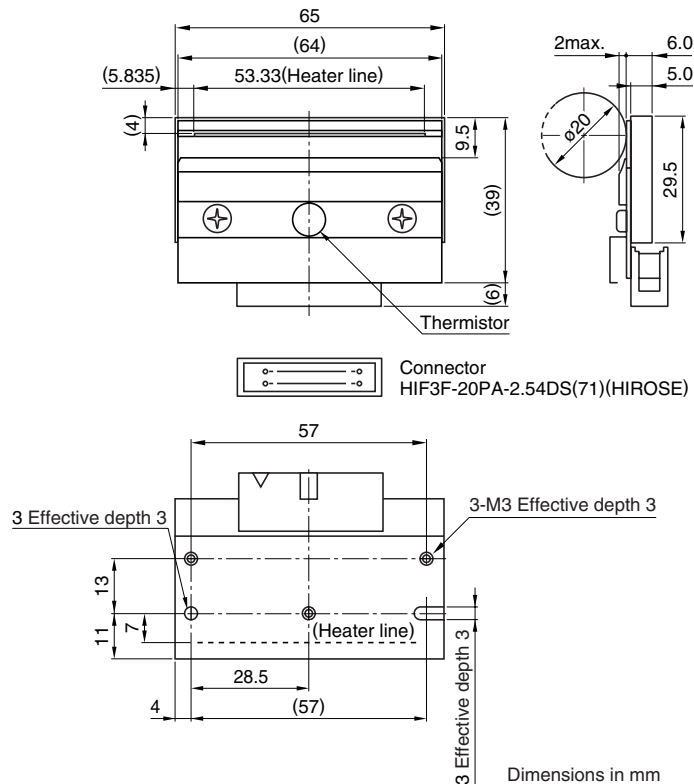
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	53.33
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHP6204SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

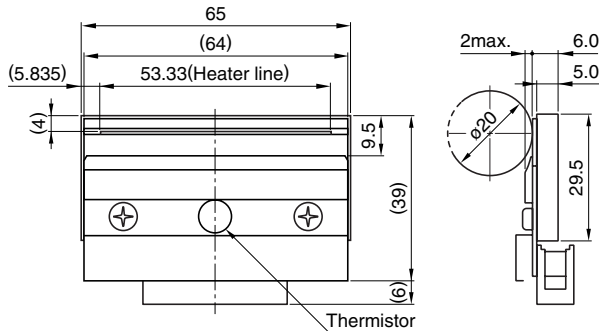
HEATING ELEMENT SPECIFICATIONS

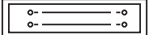
Number of heating elements	(dots)	640
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	53.33
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

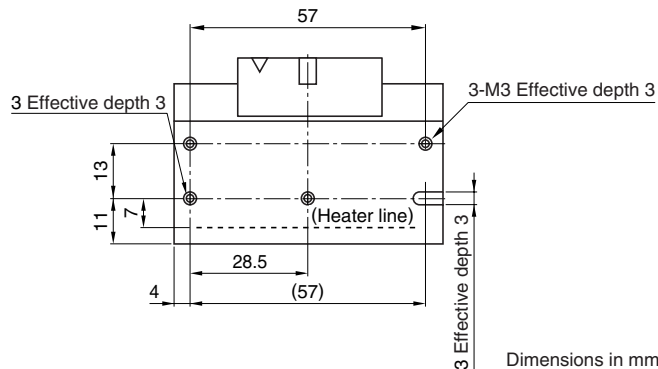
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	10max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



 Connector
HIF3F-20PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6223SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

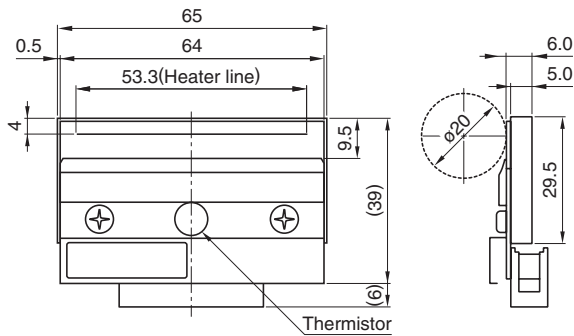
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	53.3
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

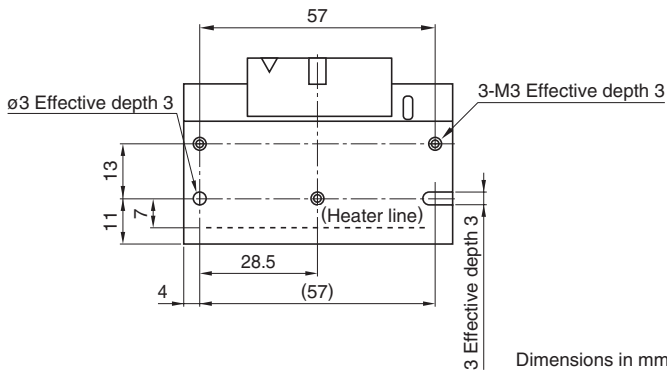
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	10max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Connector
HIF3F-20PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6303SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

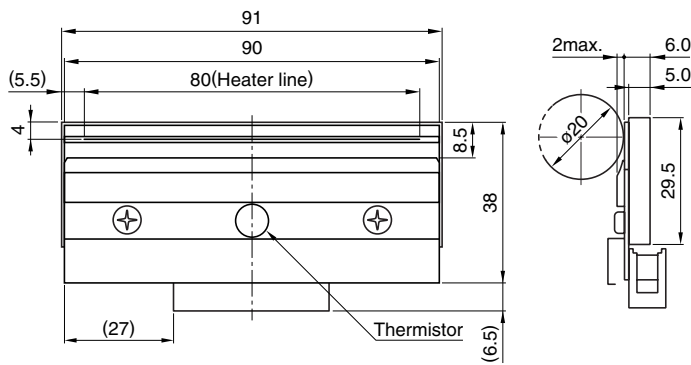
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	960
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

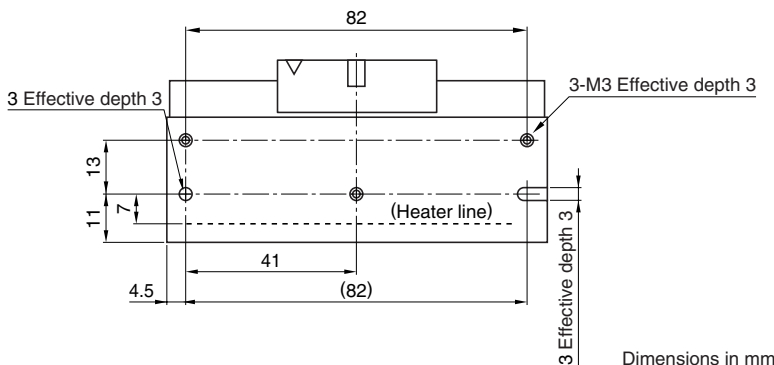
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



 Connector
HIF3F-26PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6304SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

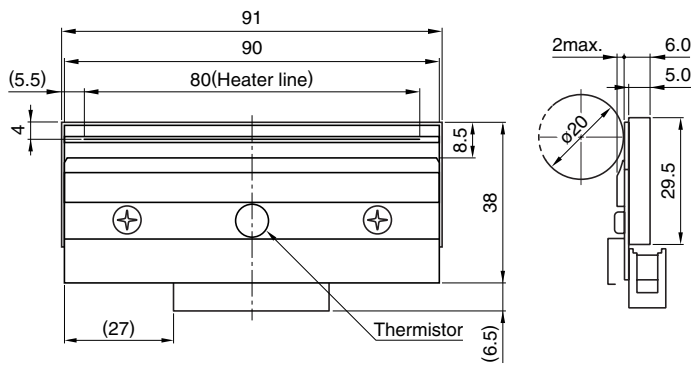
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	960
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

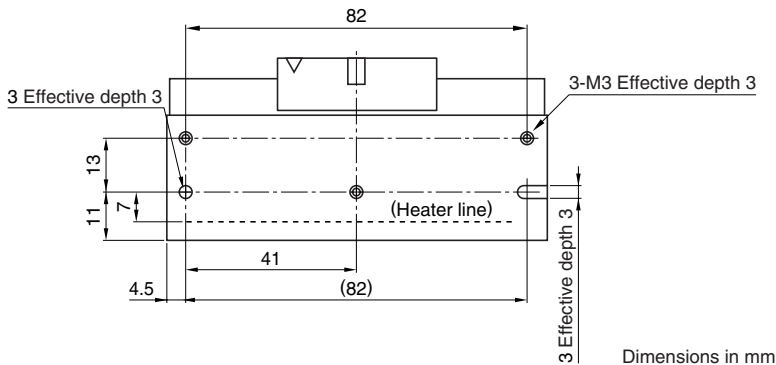
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



 Connector
HIF3F-26PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6407SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

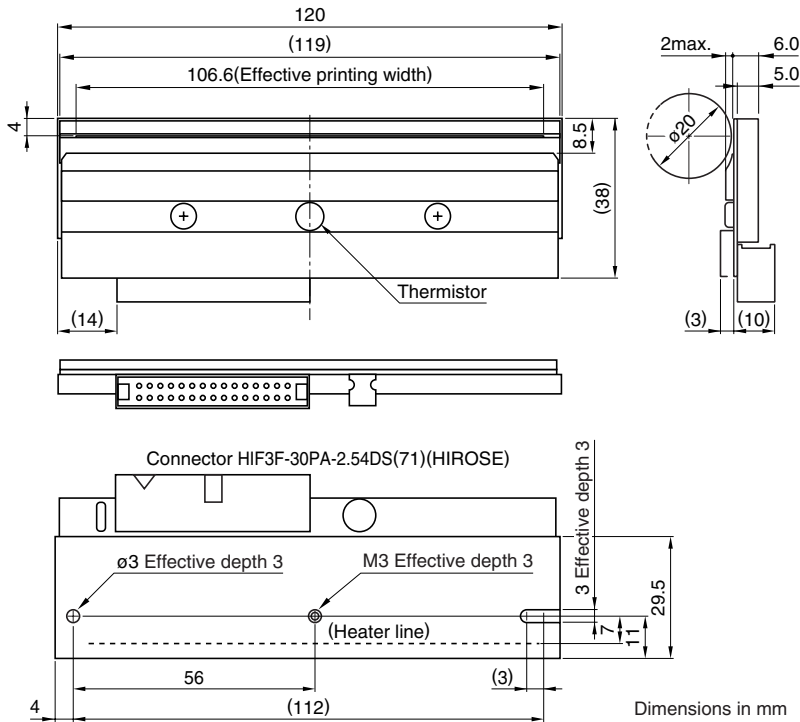
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1280
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	106.6
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6408SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

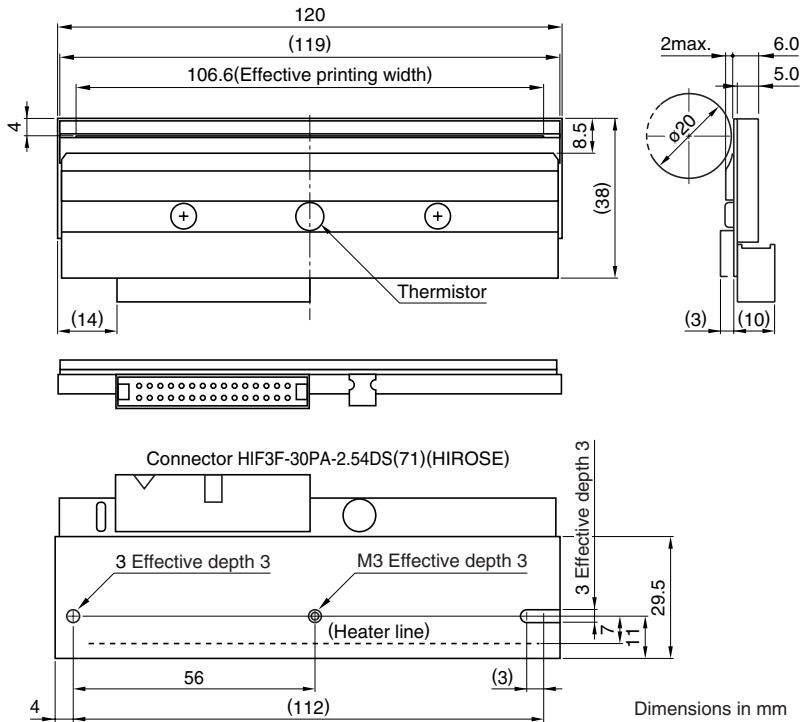
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1280
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	106.6
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6409SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

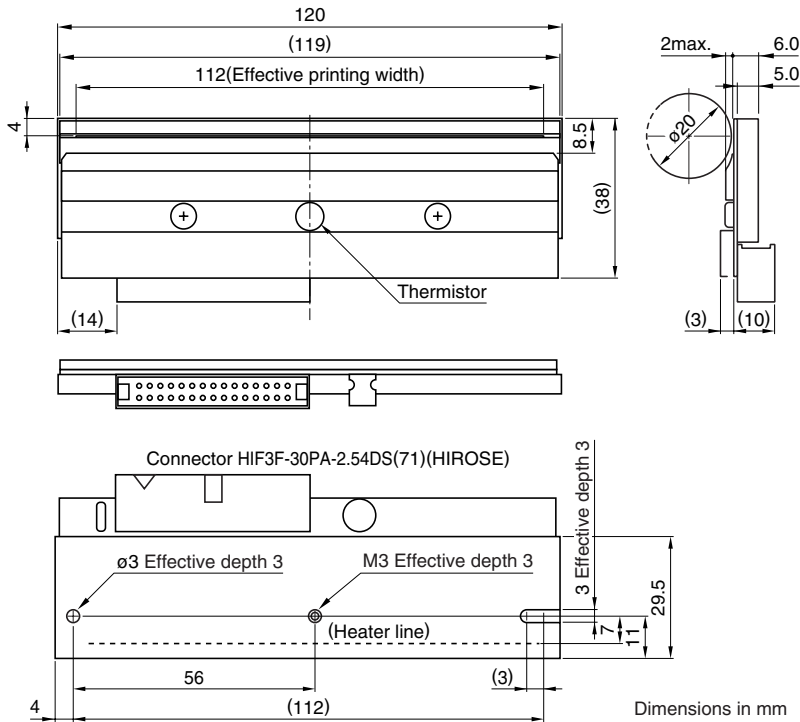
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1344
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6410SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

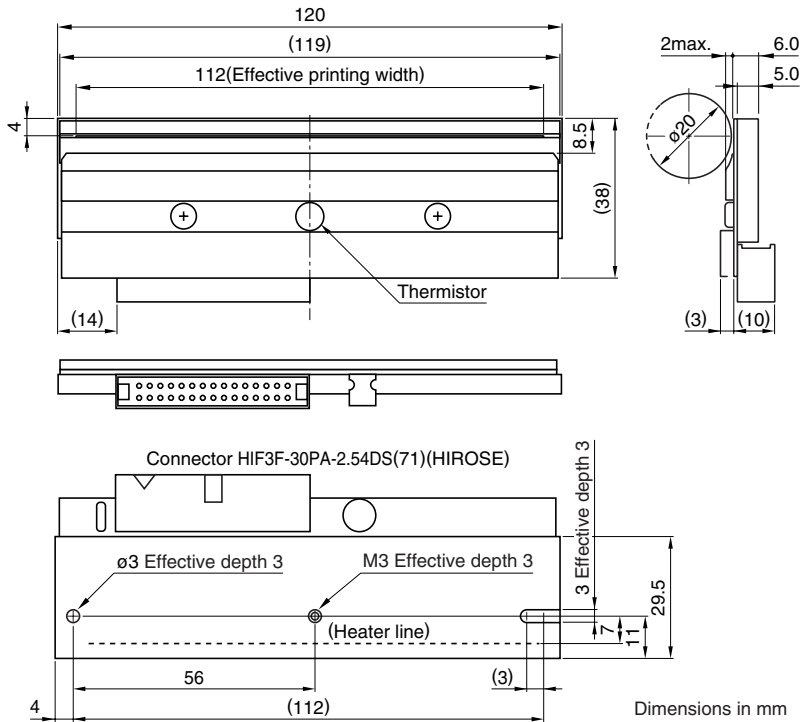
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1344
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads

For Barcode and Label Printers

BHF6505SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

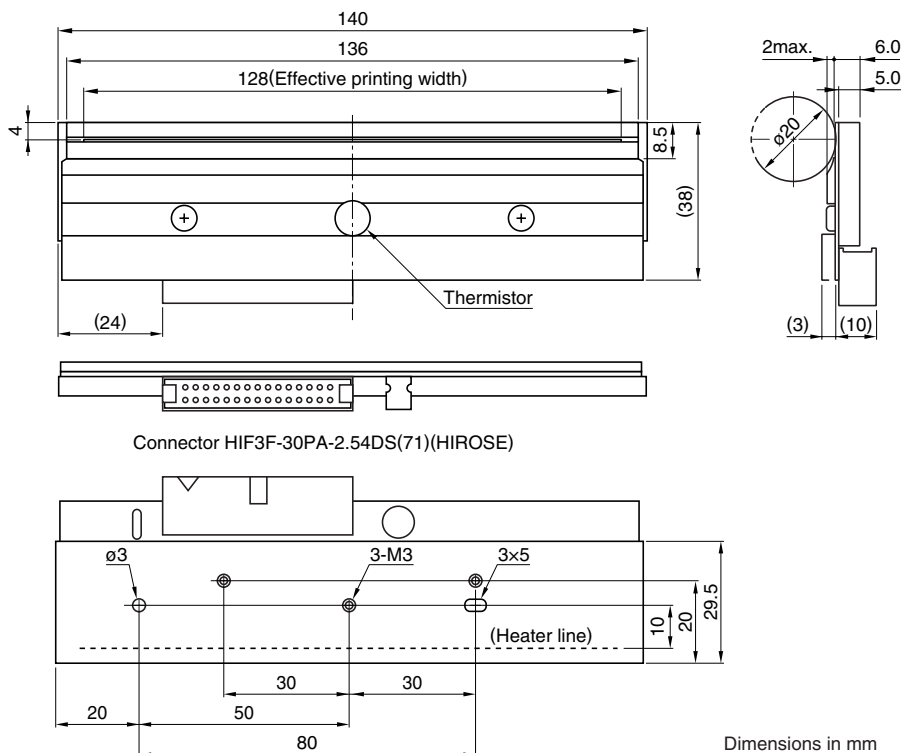
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1536
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Thermal Print Heads

For Barcode and Label Printers

BHP6506SS

FEATURES

- Normal type with no heat history control type [SS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

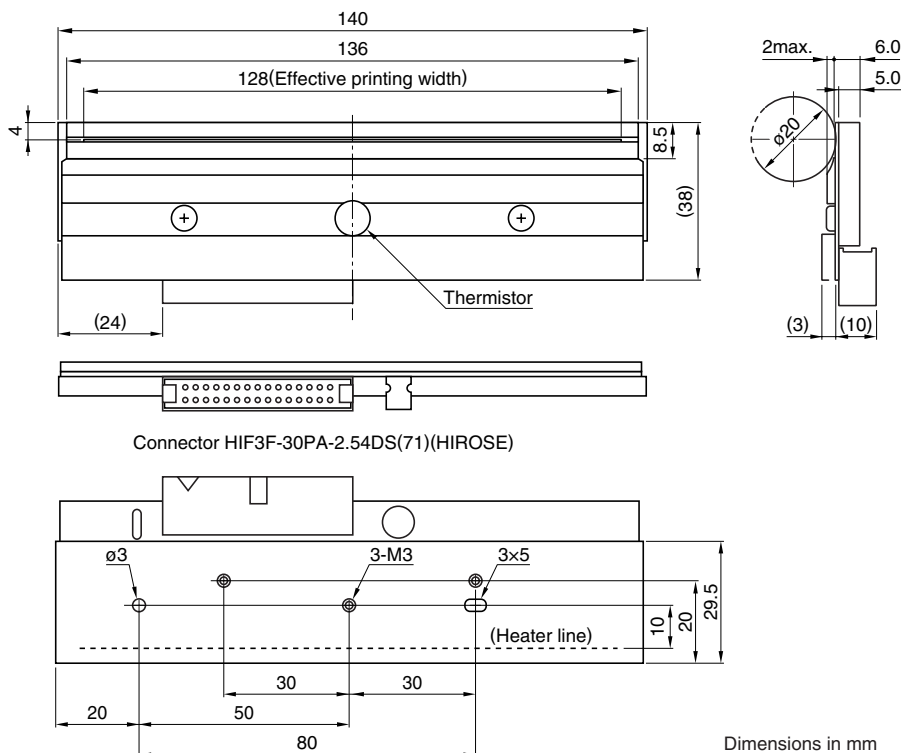
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1536
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHF4222HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

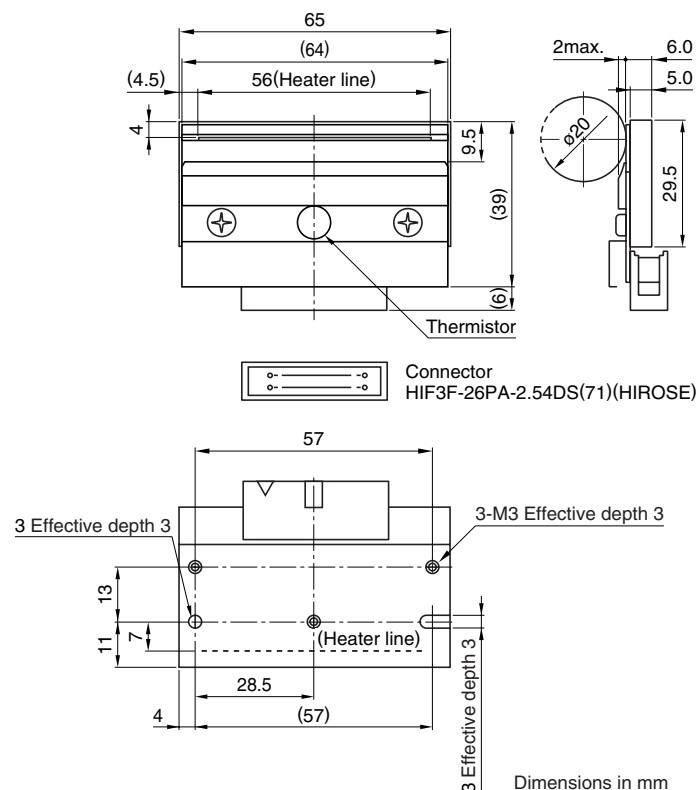
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	448
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	56
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4223HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

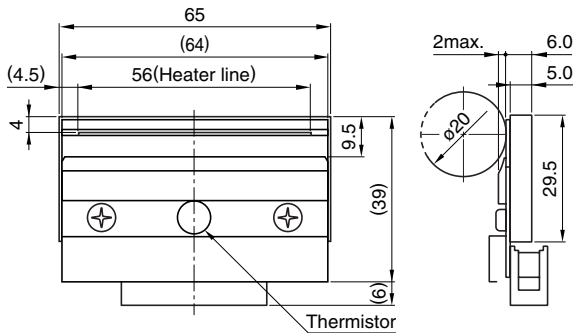
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	448
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	56
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

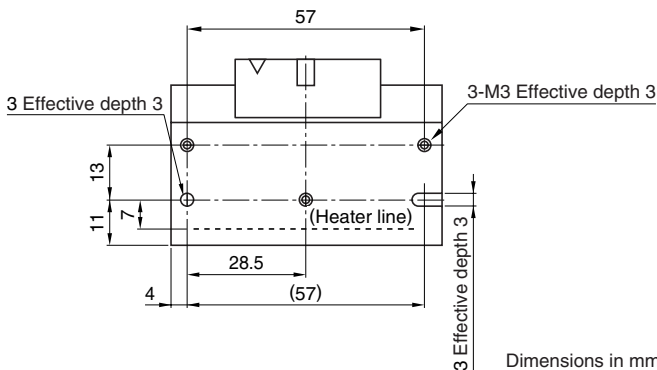
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



Connector
HIF3F-26PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4315HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

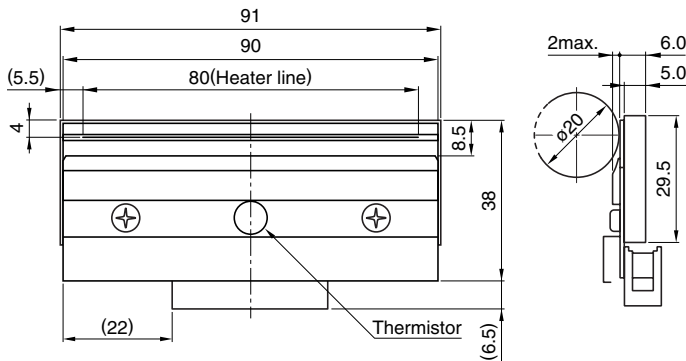
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

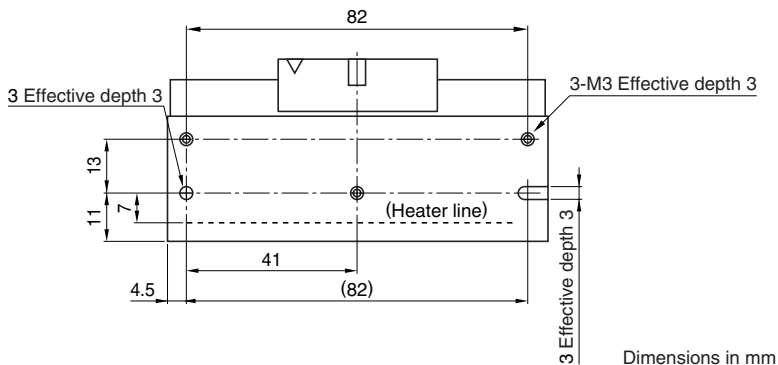
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



 Connector
HIF3F-34PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4316HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

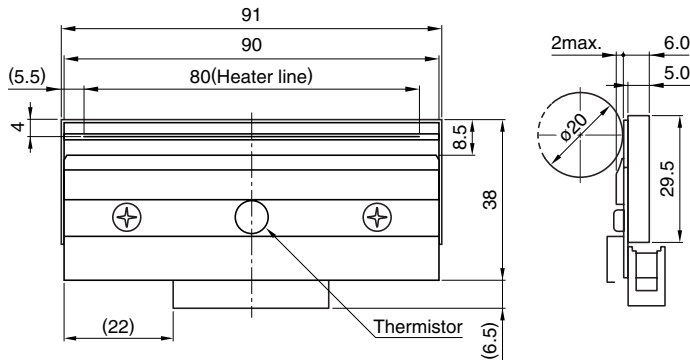
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

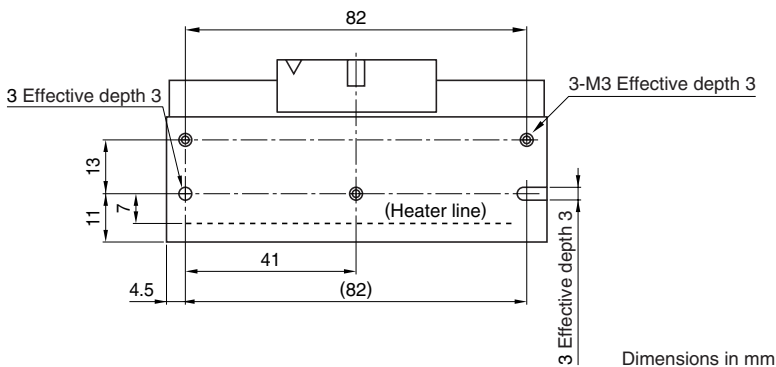
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



 Connector HIF3F-34PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4429HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

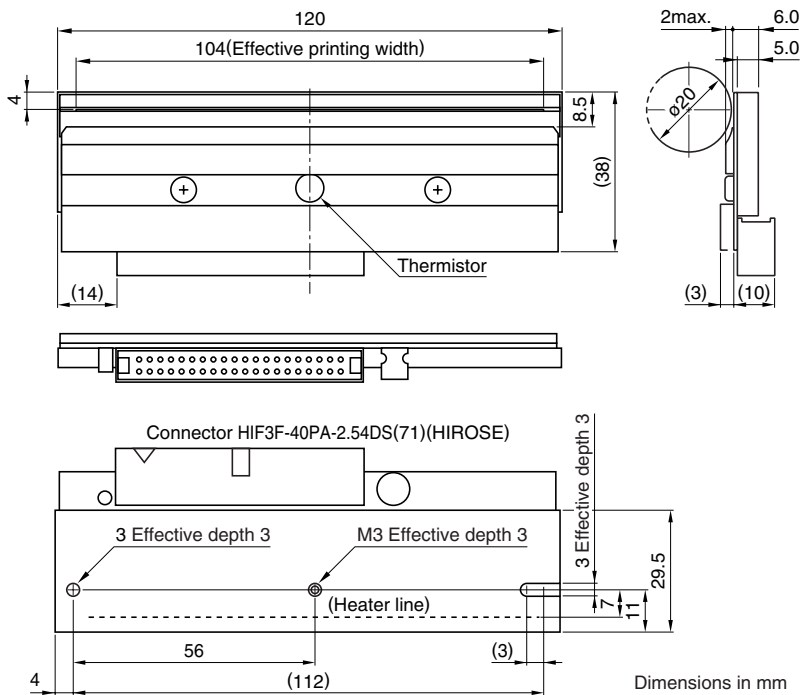
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	832
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	104
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4430HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

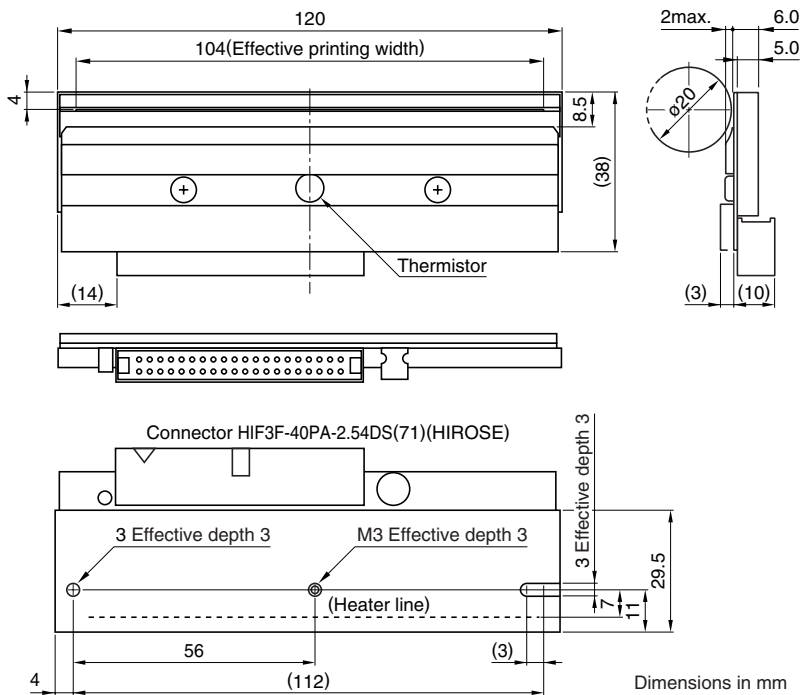
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	832
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	104
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4431HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

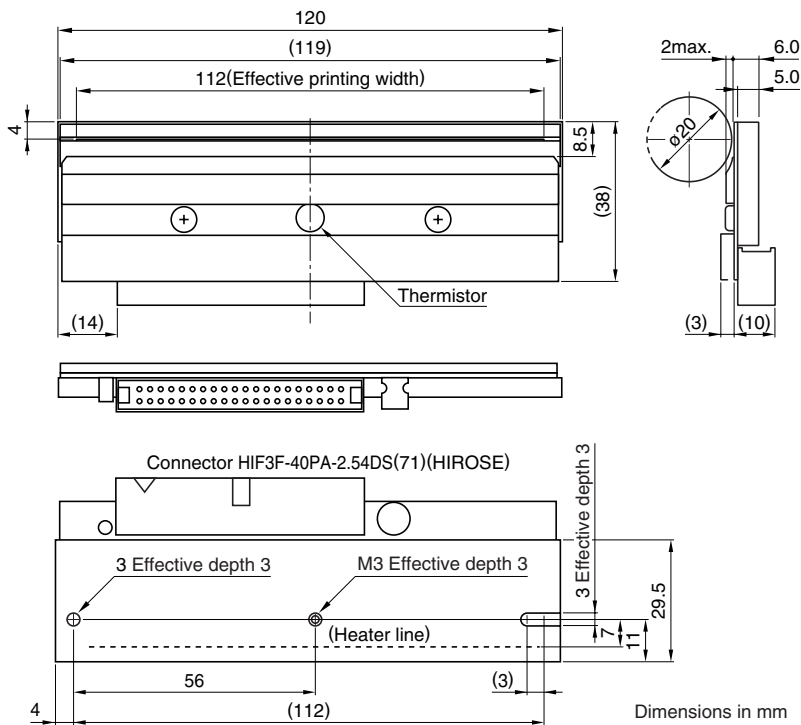
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	896
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4432HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

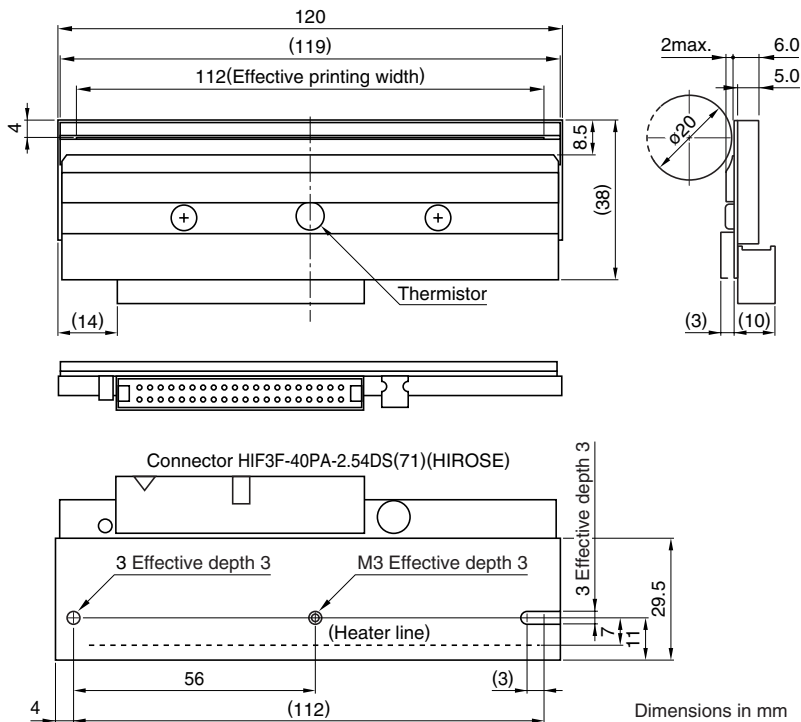
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	896
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF4503HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

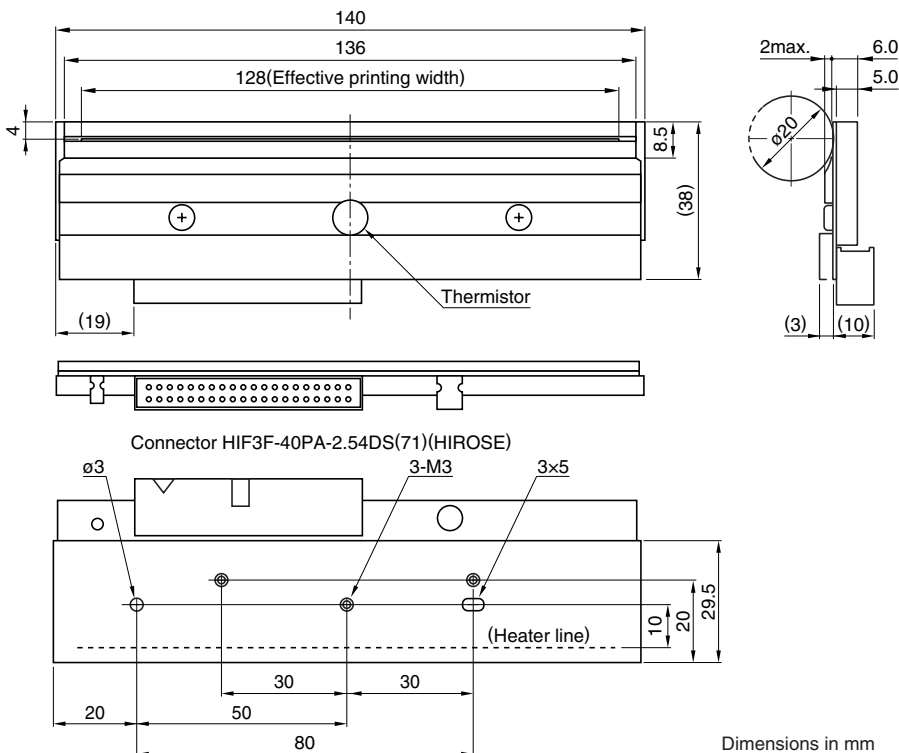
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1024
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	800
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4504HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

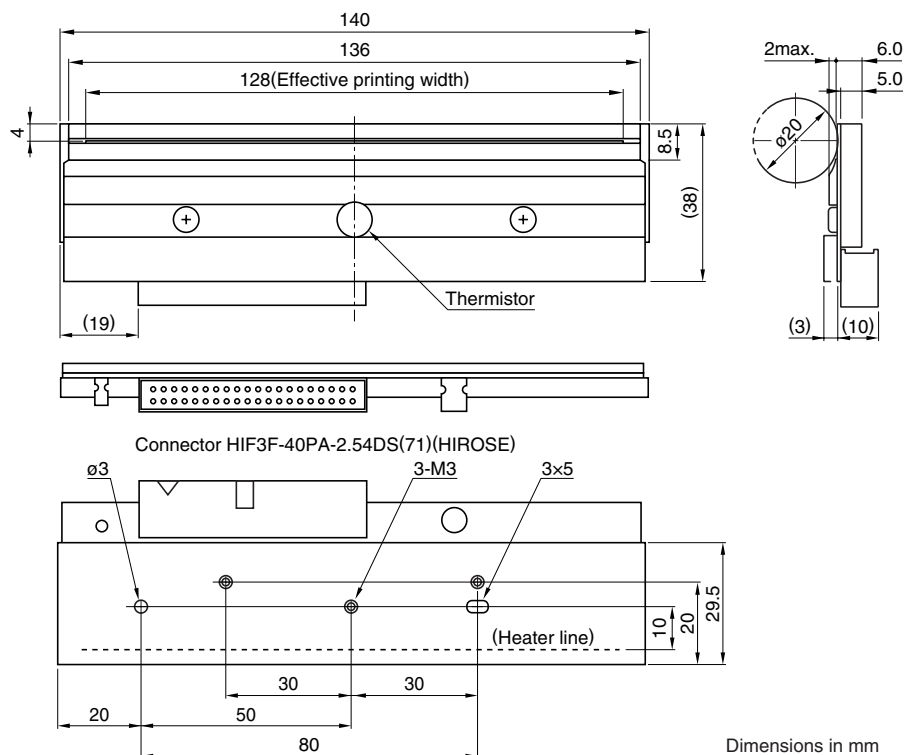
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1024
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6305HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

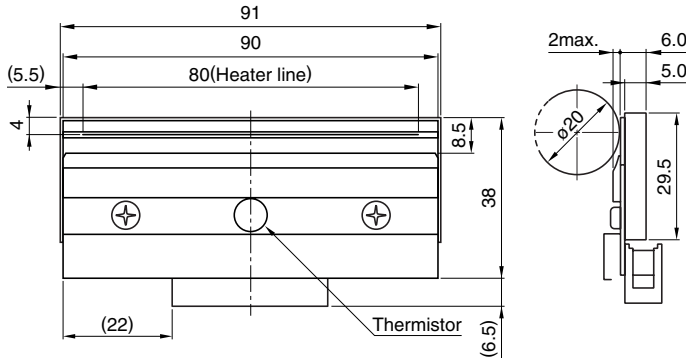
HEATING ELEMENT SPECIFICATIONS


Number of heating elements	(dots)	960
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

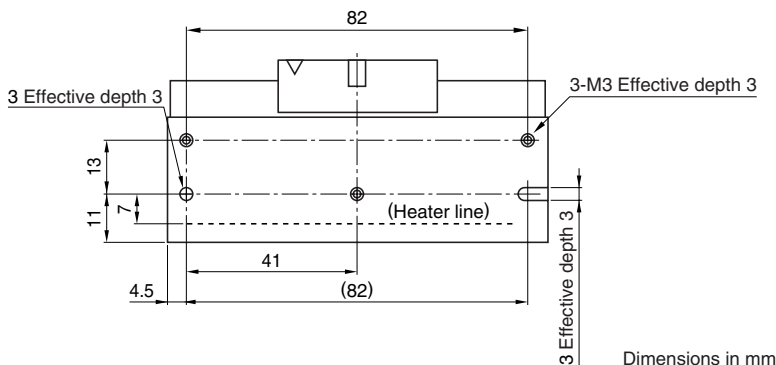
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



 Connector
HIF3F-34PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6306HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

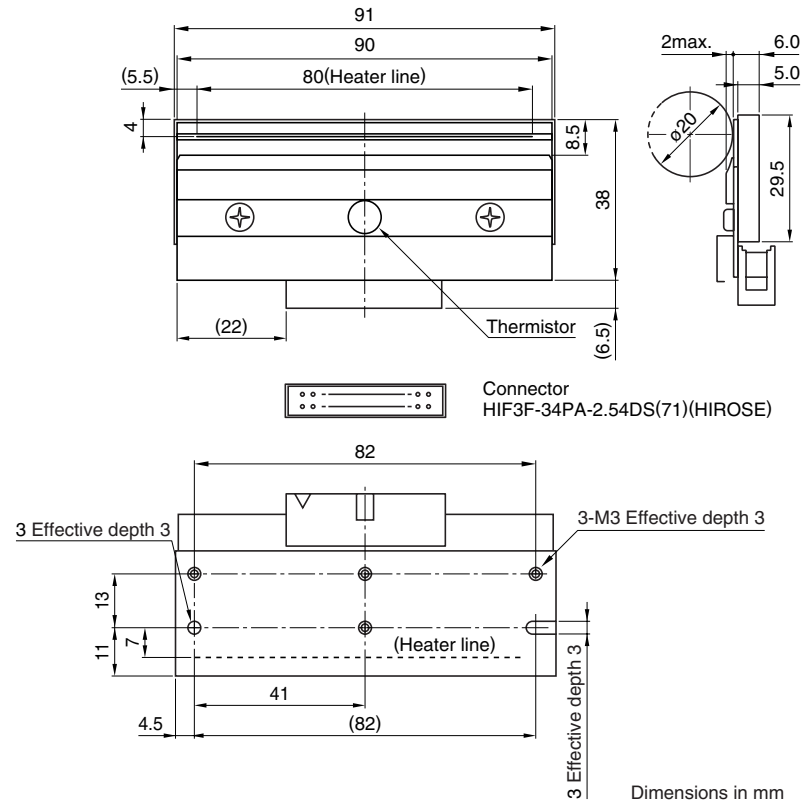
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	960
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6411HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

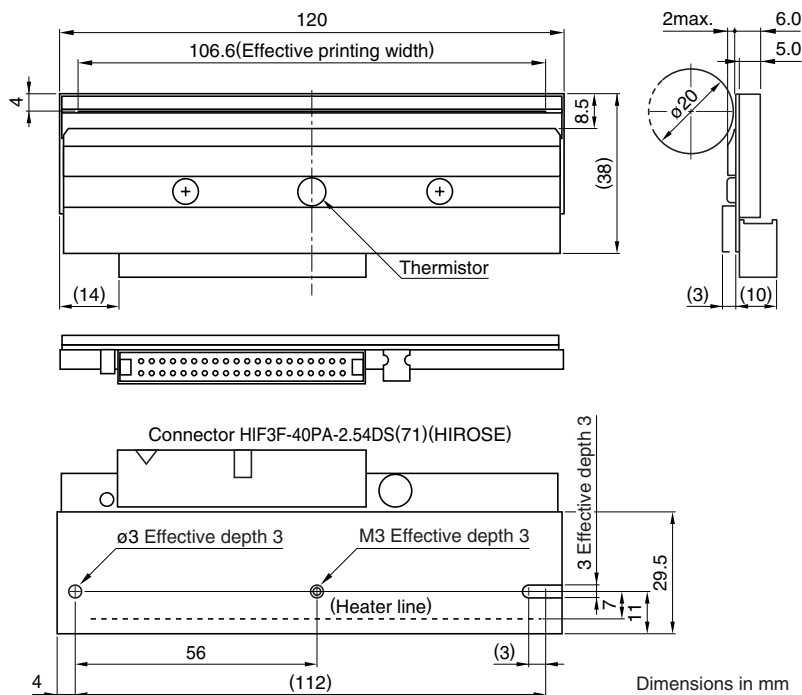
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1280
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	106.6
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHP6412HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

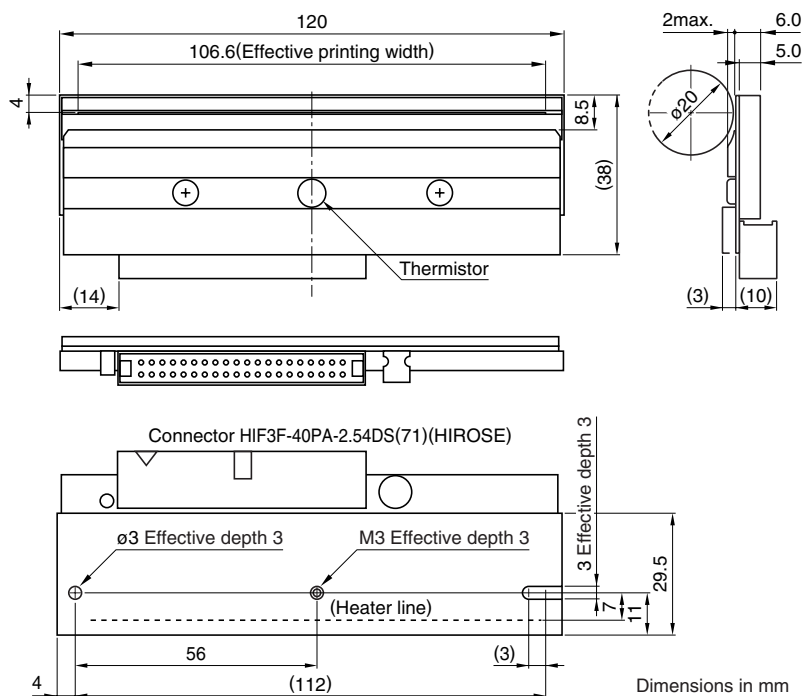
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1280
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	106.6
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6404HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

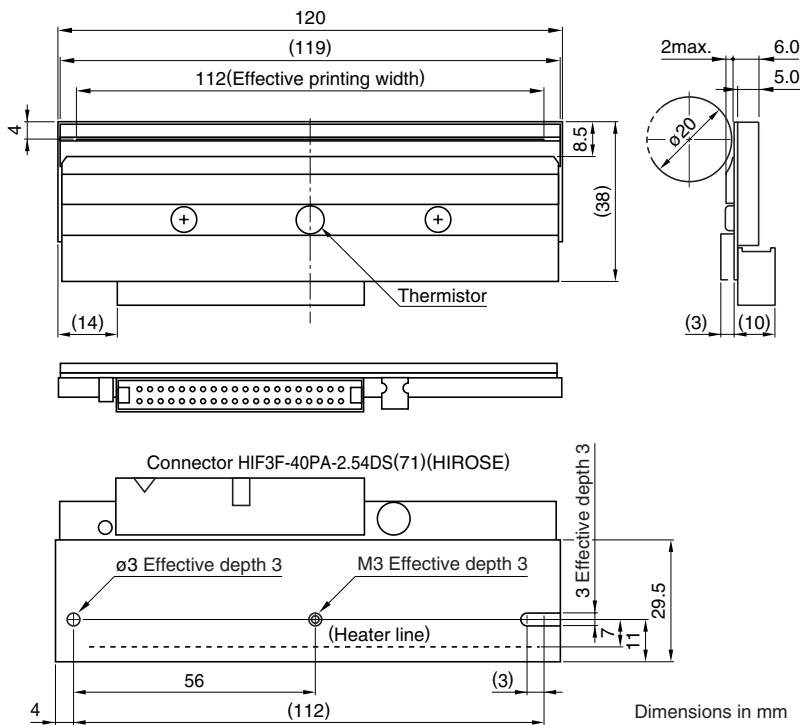
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1344
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6405HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

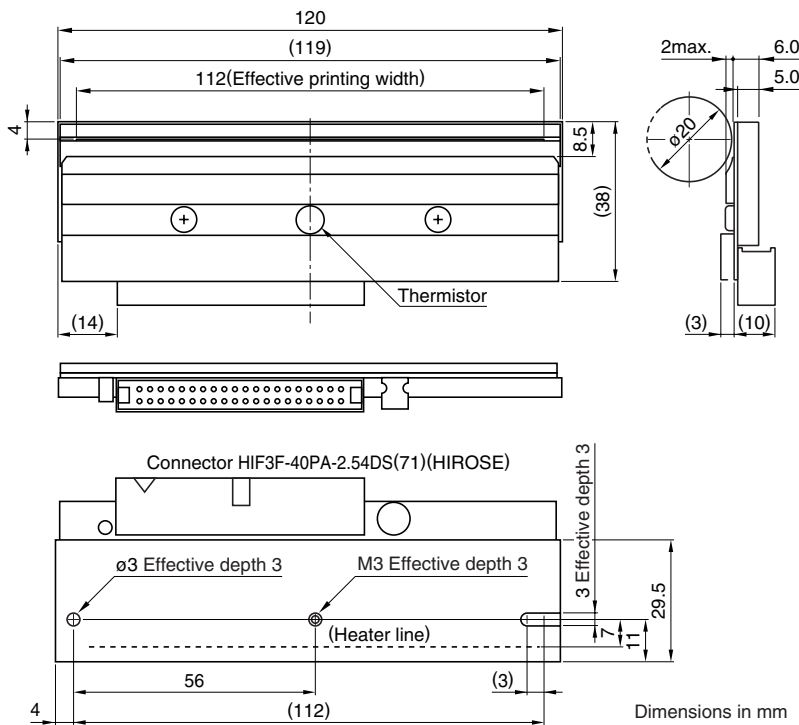
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1344
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHF6503HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

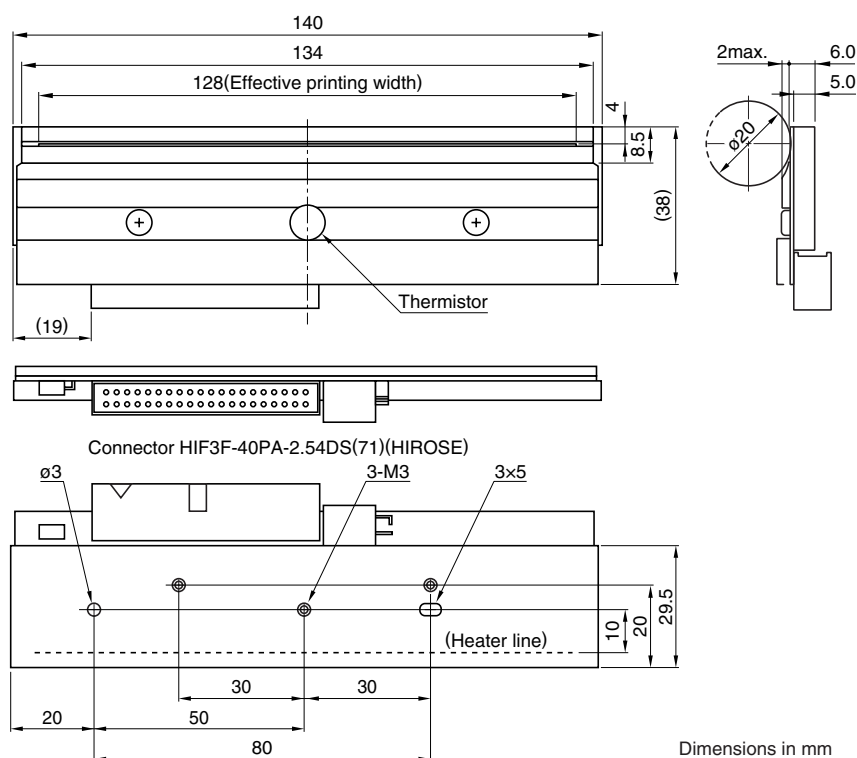
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1536
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	1500
Glaze type		Full glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6504HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

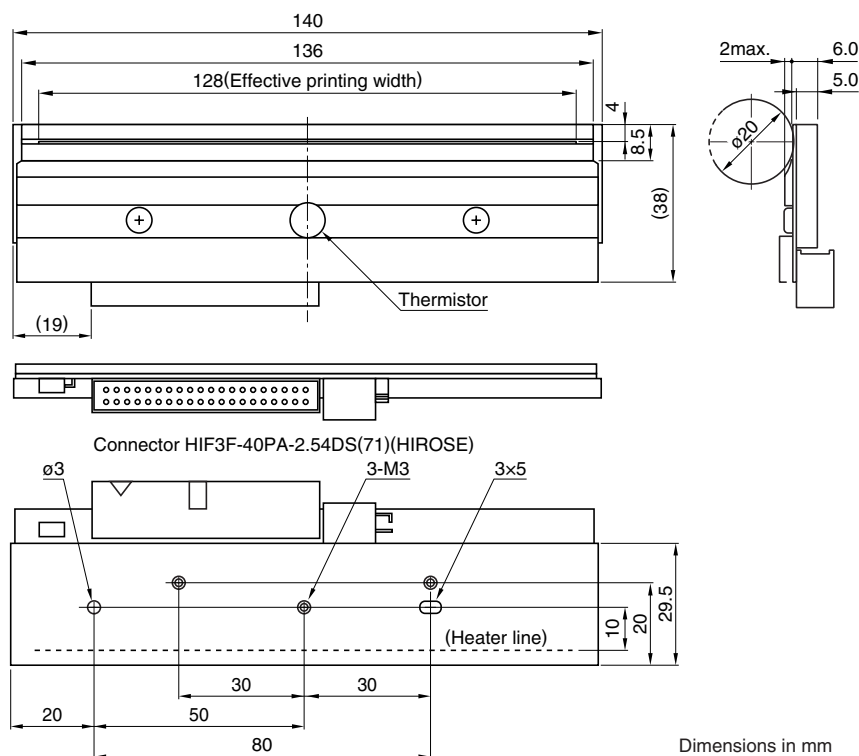
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1536
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6701HS

FEATURES

- High-speed type with three-stage LATCH heat history control [HS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- POS terminals

PRODUCT SPECIFICATIONS

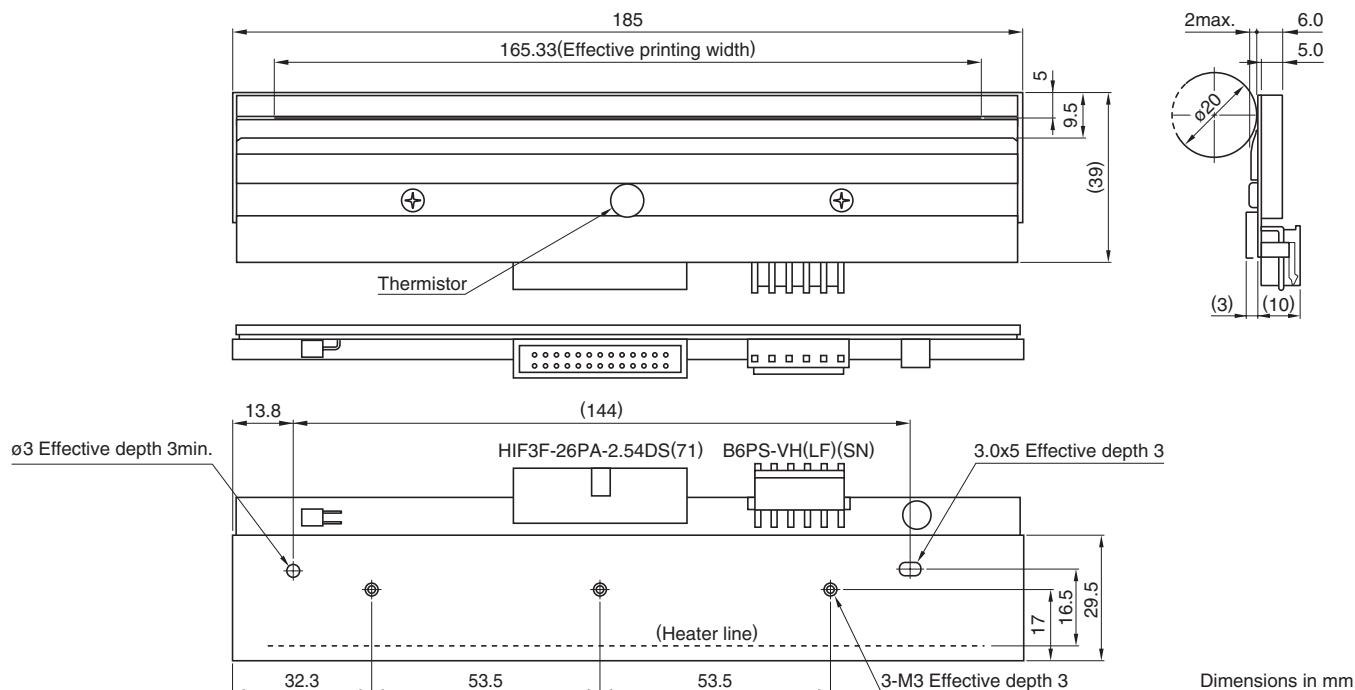
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1984
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	165.33
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4218FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

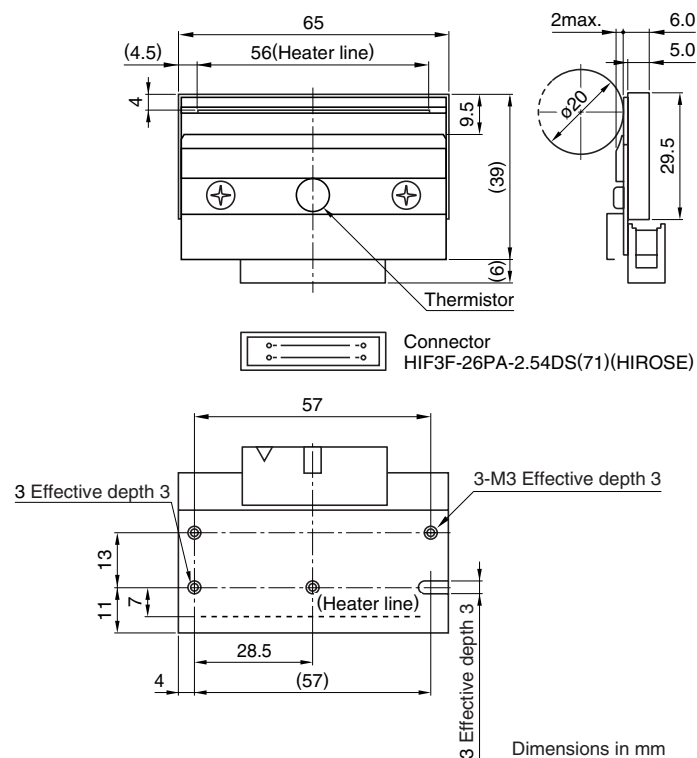
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	448
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	56
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHP4317FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

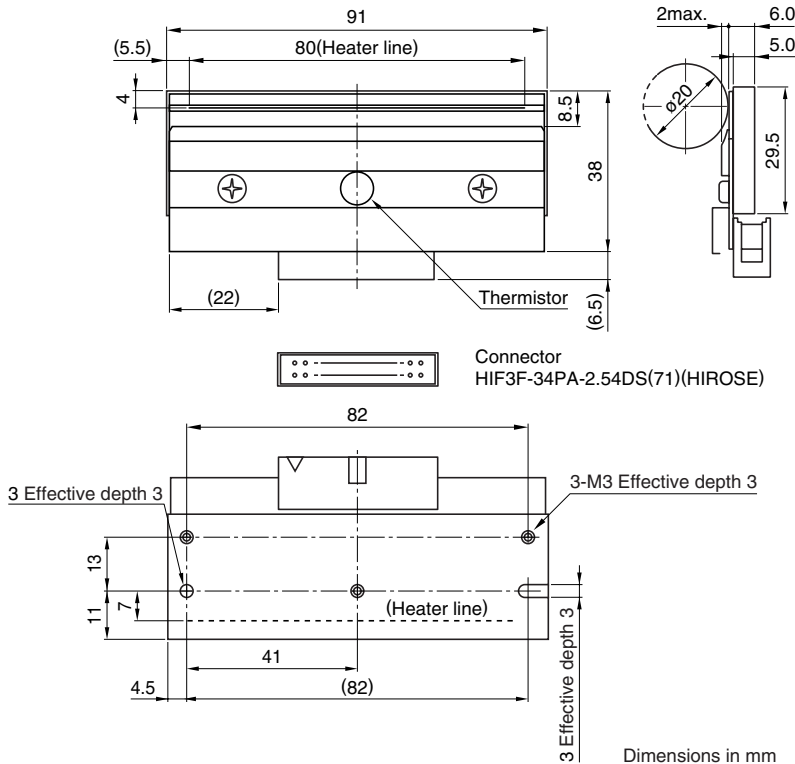
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4434FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

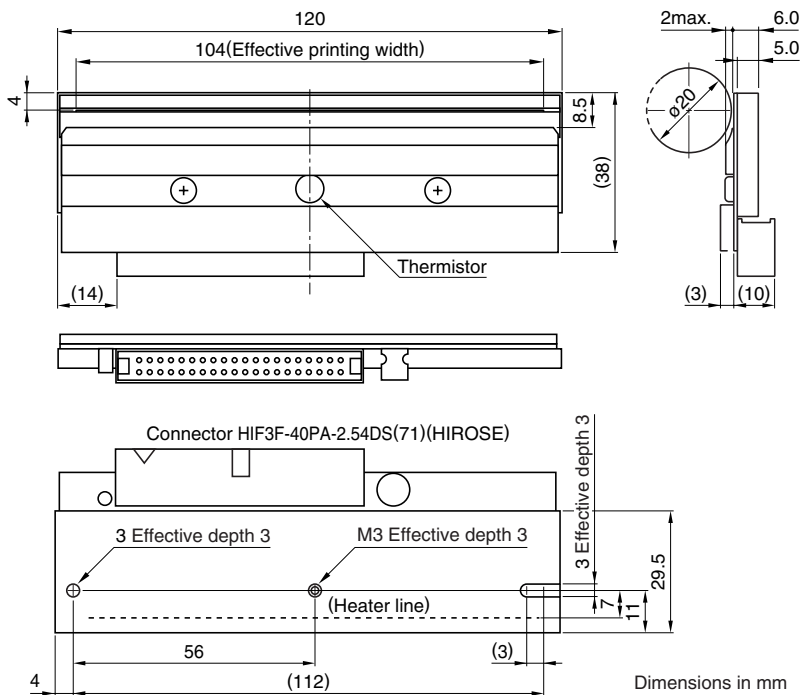
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	832
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	104
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP4417FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

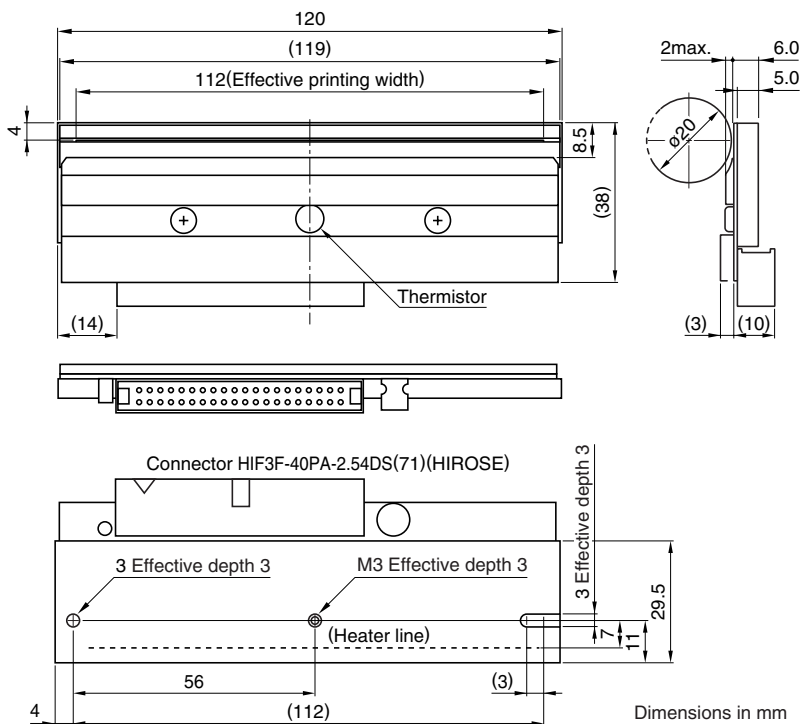
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	896
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Head For Barcode and Label Printers

BHP4904FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

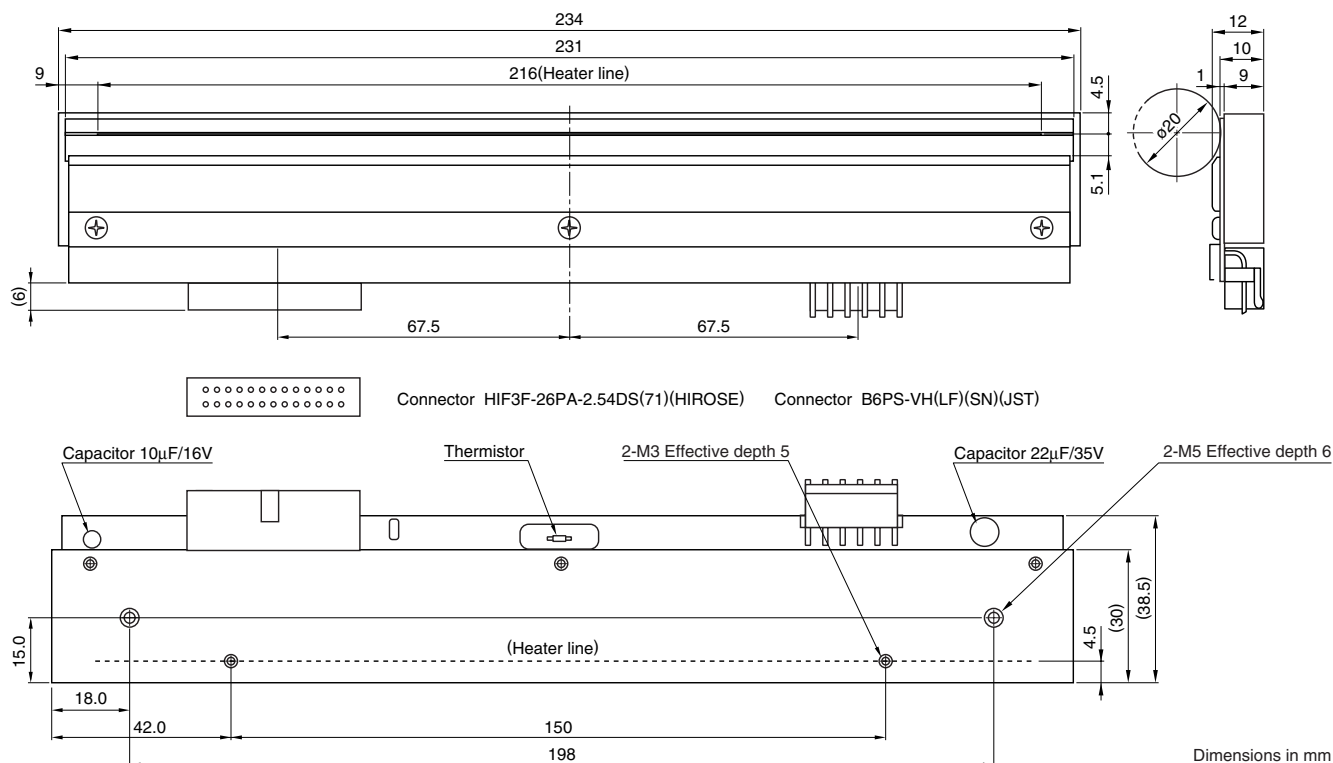
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1728
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	216
Heating element average resistance	(Ω)	600
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\varnothing 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6208FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

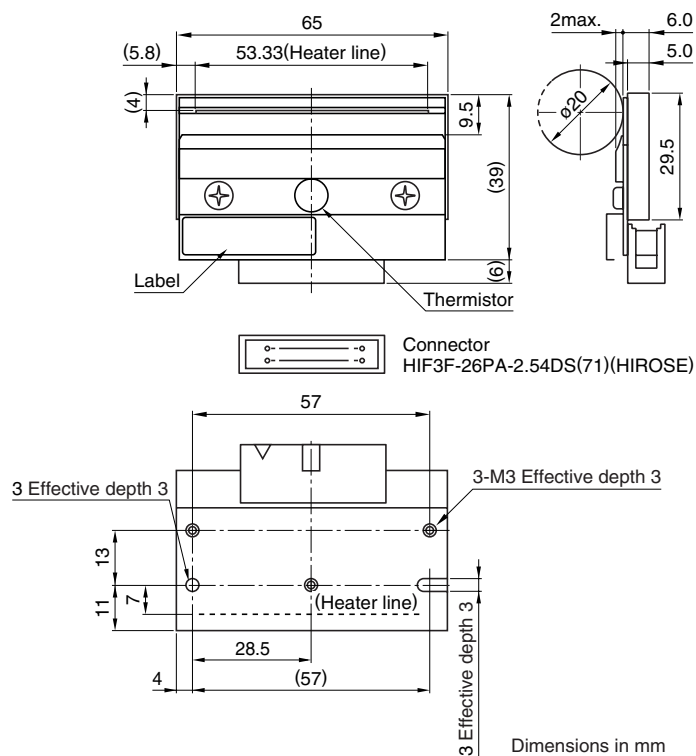
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	53.33
Heating element average resistance(Ω)		1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHP6312FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

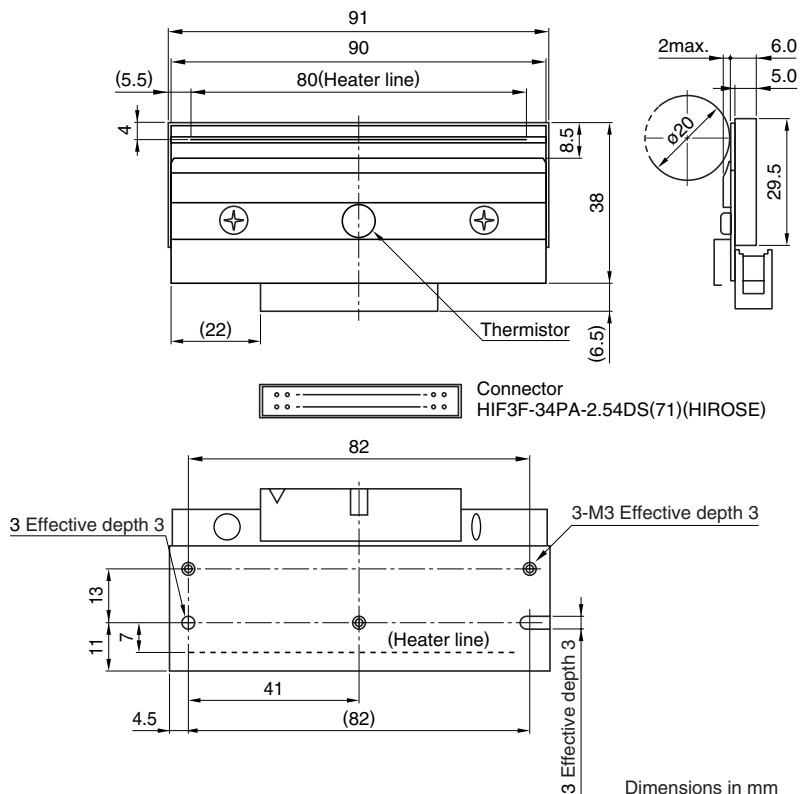
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	960
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



Thermal Print Heads For Barcode and Label Printers

BHP6416FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

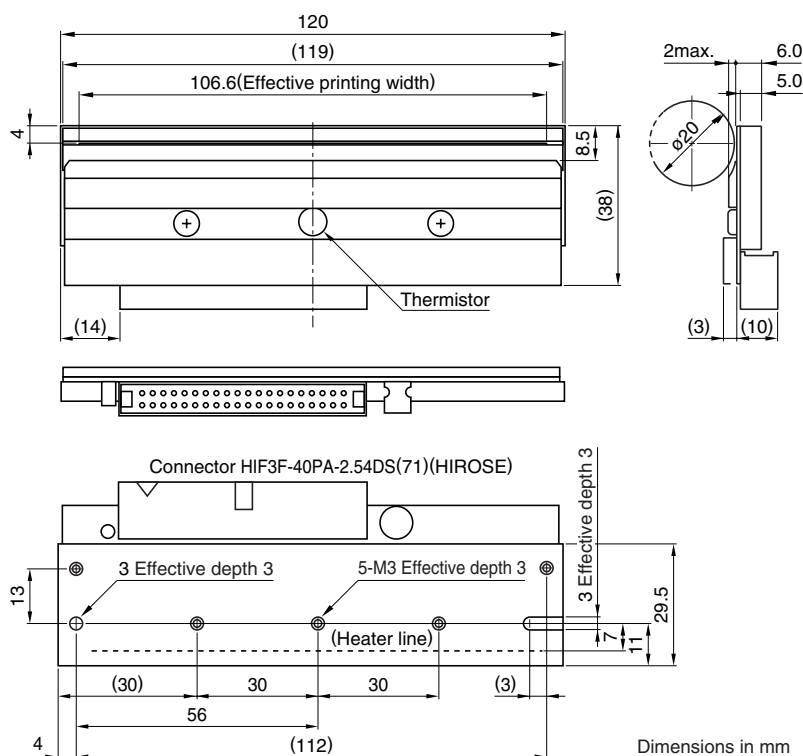
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1280
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	106.6
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6406FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

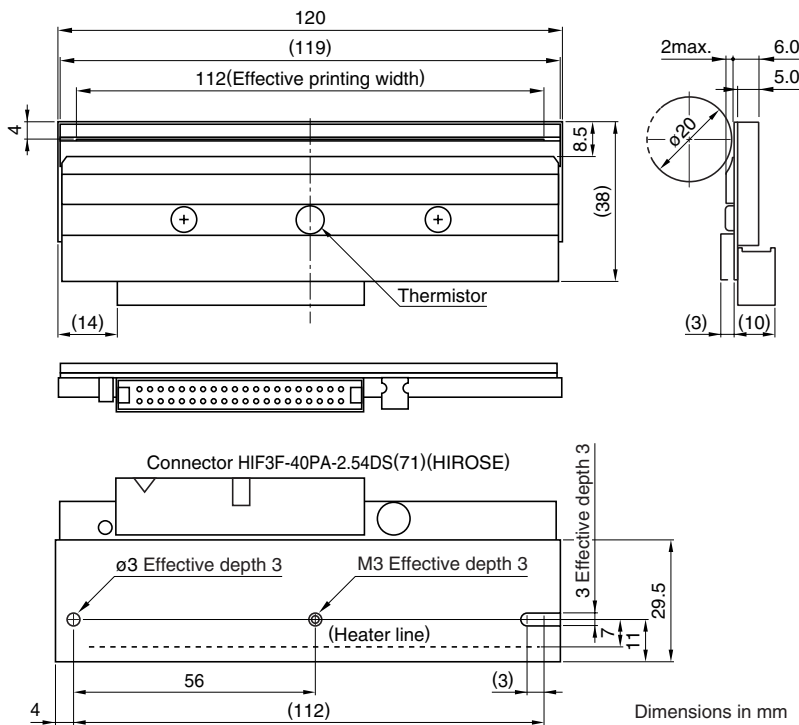
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1344
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP6502FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

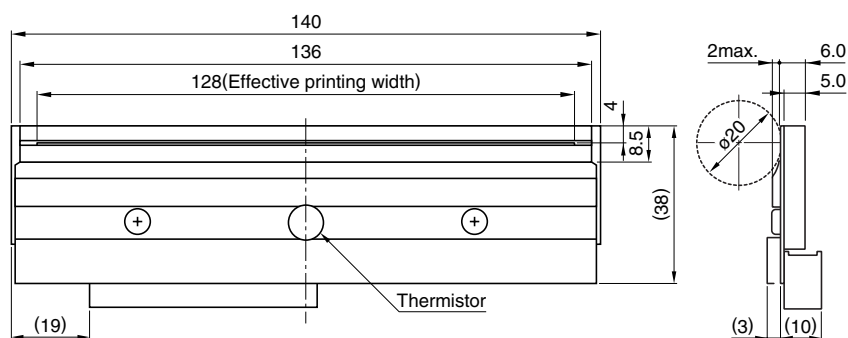
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1536
Dot density	(dots/mm)	12
	(DPI)	305
Length of heating element array (effective)	(mm)	128
Heating element average resistance	(Ω)	1500
Glaze type		Partial glaze

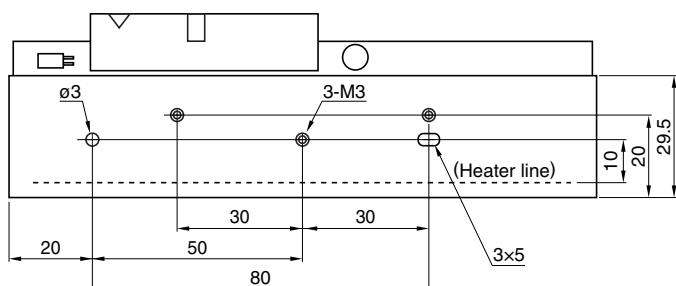
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.75 to 5.25

SHAPES AND DIMENSIONS



Connector HIF3F-40PA-2.54DS(71)(HIROSE)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

BHP8402FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

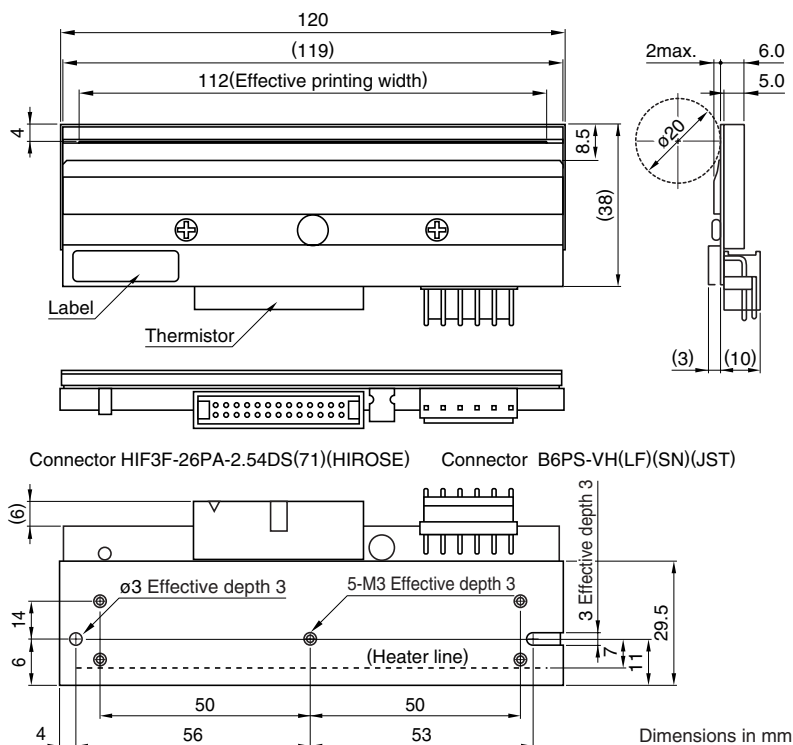
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1792
Dot density	(dots/mm)	16
	(DPI)	406
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	2300
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

DHP9203FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

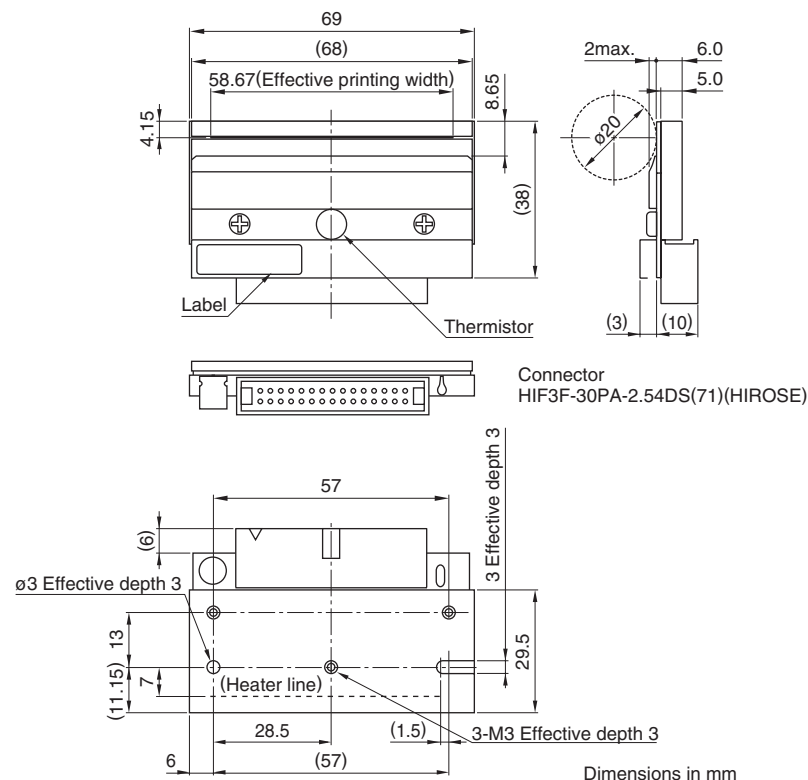
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	1408
Dot density	(dots/mm)	24
	(DPI)	610
Length of heating element array (effective)	(mm)	58.67
Heating element average resistance	(Ω)	2500
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	16max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.

Thermal Print Heads For Barcode and Label Printers

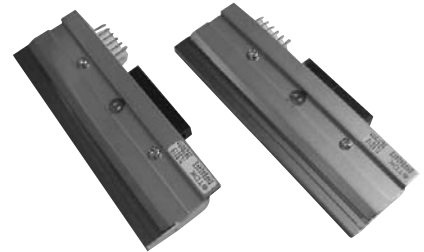
BHP9404FS

FEATURES

- High-speed type with five-stage LATCH heat history control [FS type]
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals



PRODUCT SPECIFICATIONS

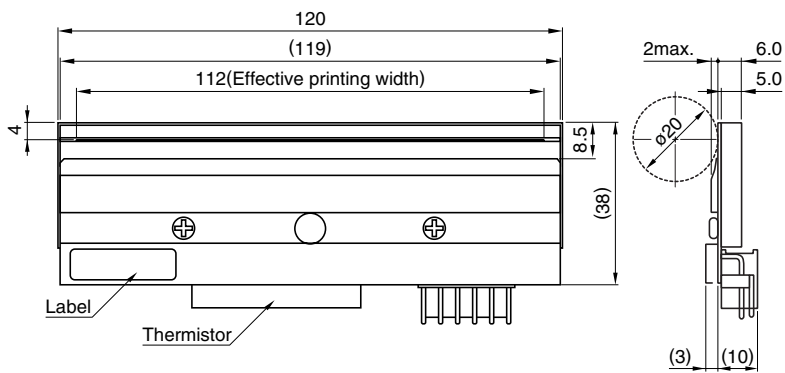
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	2688
Dot density	(dots/mm)	24
	(DPI)	610
Length of heating element array (effective)	(mm)	112
Heating element average resistance	(Ω)	3500
Glaze type		Partial glaze

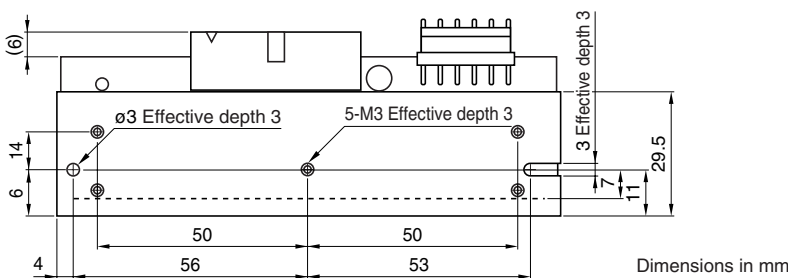
DRIVE CONDITIONS

Applied platen diameter	(mm)	ø20max.
Data transfer frequency	(MHz)	8max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



Connector HIF3F-26PA-2.54DS(71)(HIROSE) Connector B6PS-VH(LF)(SN)(JST)



Dimensions in mm

• All specifications are subject to change without notice.

Thermal Print Heads

For Barcode and Label Printers

BHP4312WS

FEATURES

- WS type supporting binary data input for two-color printing
- New-BP protective layer with excellent abrasion resistance is used.

APPLICATIONS

- Barcode and label printers
- Bank ATMs
- Amusements
- Ticket-vending machines
- POS terminals

PRODUCT SPECIFICATIONS

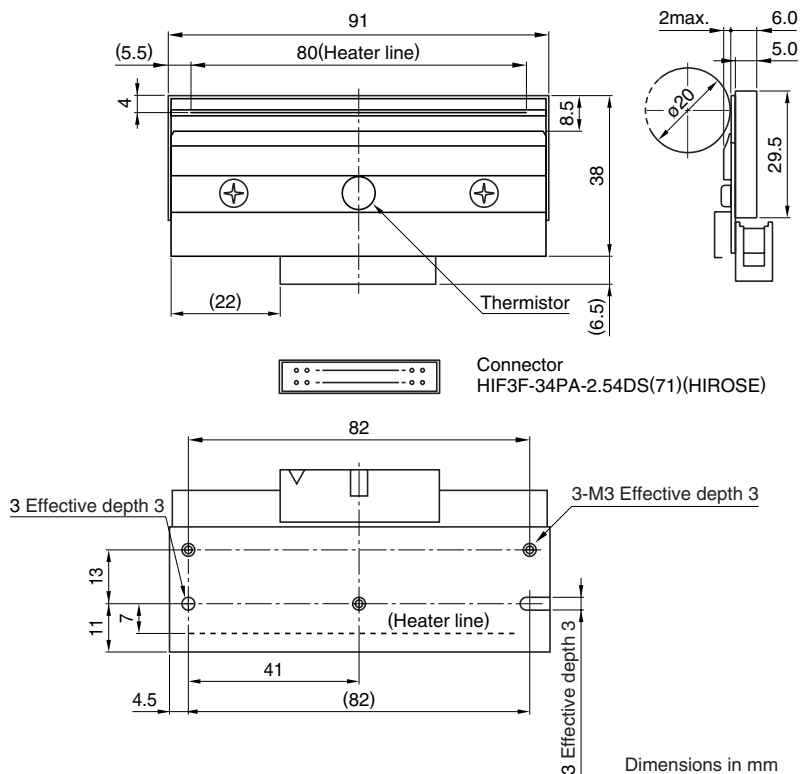
HEATING ELEMENT SPECIFICATIONS

Number of heating elements	(dots)	640
Dot density	(dots/mm)	8
	(DPI)	203
Length of heating element array (effective)	(mm)	80
Heating element average resistance	(Ω)	800
Glaze type		Partial glaze

DRIVE CONDITIONS

Applied platen diameter	(mm)	$\phi 20$ max.
Data transfer frequency	(MHz)	5max.
Driver power supply	(V)	4.5 to 5.5

SHAPES AND DIMENSIONS



• All specifications are subject to change without notice.