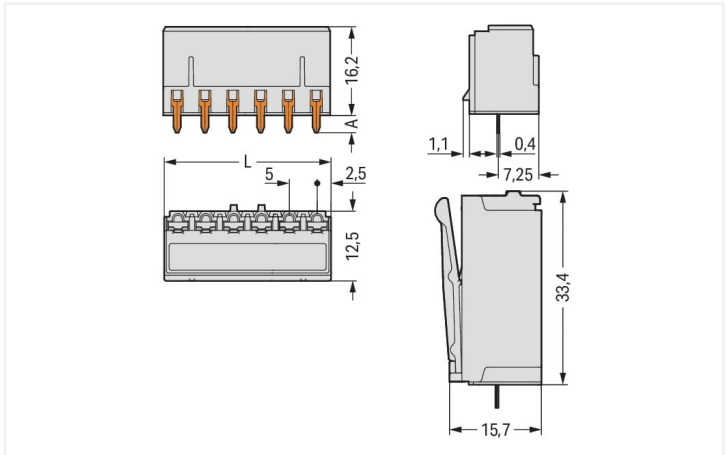


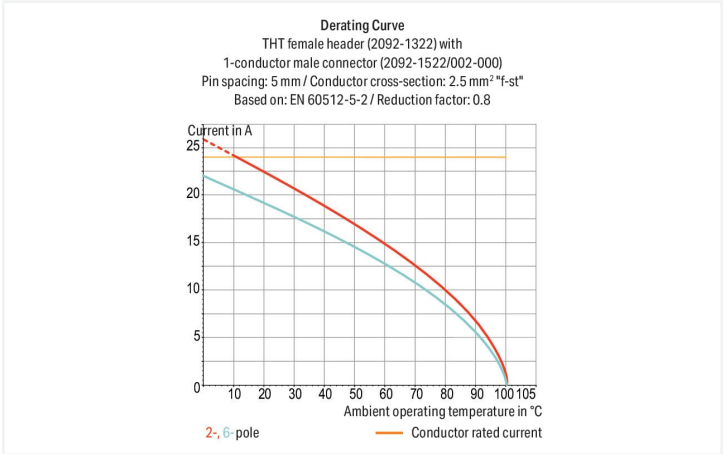


Color: ■ light gray

Similar to illustration



Dimensions in mm
L = pole no. x pin spacing
A = 3.6 mm THT solder pin
A = 2.4 mm THR solder pin



- Touch-proof PCB outputs
- Easy-to-identify PCB inputs and outputs
- Coding option available

Notes			
Safety information		The picoMAX® Pluggable Connection System includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.	

Electrical data									
Ratings per		IEC/EN 60664-1			Approvals per			UL 1059	
Overvoltage category		III	III	II	Use group		B	C	D
Pollution degree		3	2	2	Rated voltage		300 V	-	300 V
Nominal voltage		250 V	320 V	630 V	Rated current		15 A	-	10 A
Rated surge voltage		4 kV	4 kV	4 kV					
Rated current		16 A	16 A	16 A					

Connection data

Connection points	5
Total number of potentials	5
Number of connection types	1
Number of levels	1

Connection 1

Pole number	5
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Physical data

Pin spacing	5 mm / 0.197 inches
Width	25 mm / 0.984 inches
Height	19.8 mm / 0.78 inches
Height from the surface	16.2 mm / 0.638 inches
Depth	13.6 mm / 0.535 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.4 x 1.3 mm
Drilled hole diameter with tolerance	1.5 ^(+0.1) mm

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °

PCB contact

PCB contact	THT
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Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.115 MJ
Weight	4.7 g



Environmental requirements	
Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data	
Product Group	26 (picoMAX Connectors)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821163664
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
CSA DEKRA Certification B.V.	C22.2	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2092-1305	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 2092-1305	

CAE data	
ZUKEN Portal 2092-1305	