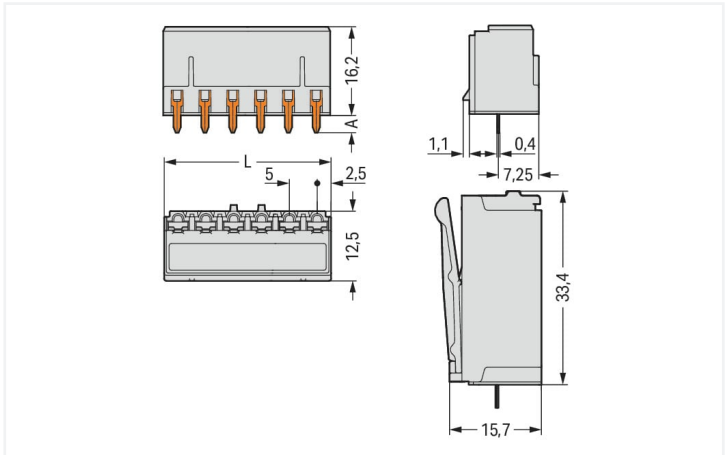




Color: ■ light gray

Similar to illustration

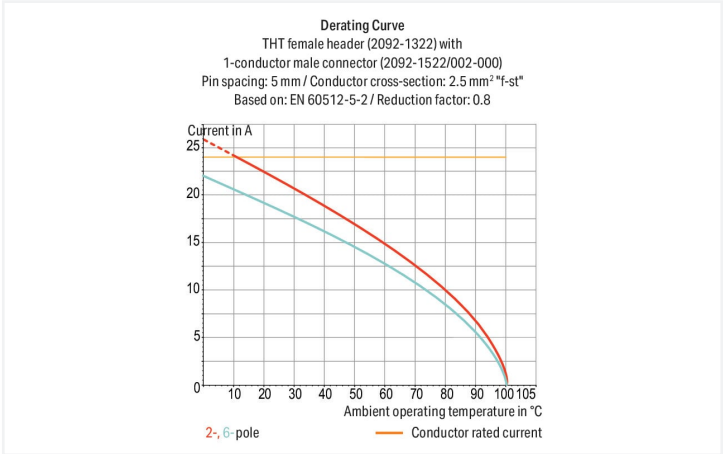


Dimensions in mm

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

Connection data



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

Connection 1	
Pole number	5

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

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 1949.09 KB	

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 2092-1305		ZUKEN Portal 2092-1305	