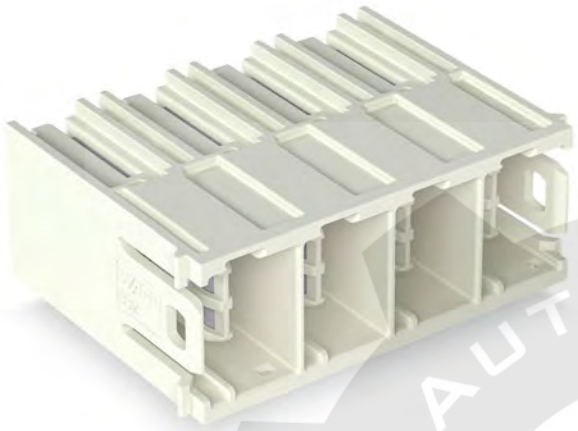
Data sheet | Item number: 832-3622

THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismating; Silver-plated contacts; Pin spacing 10.16 mm; 2-pole

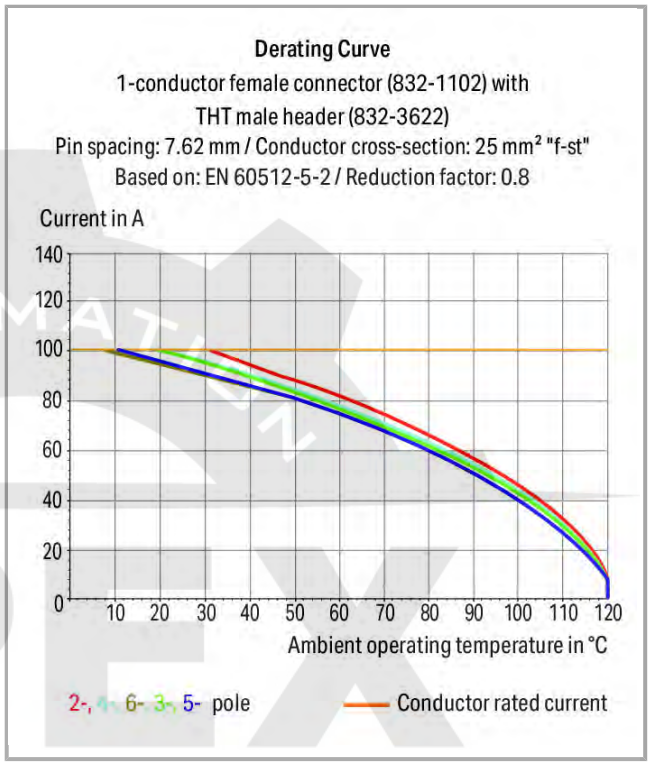
832-3622

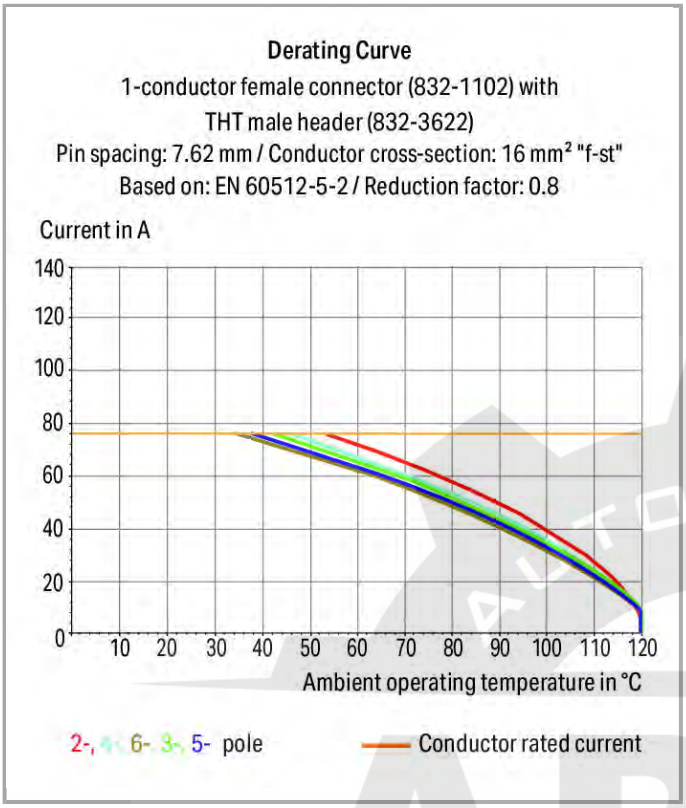


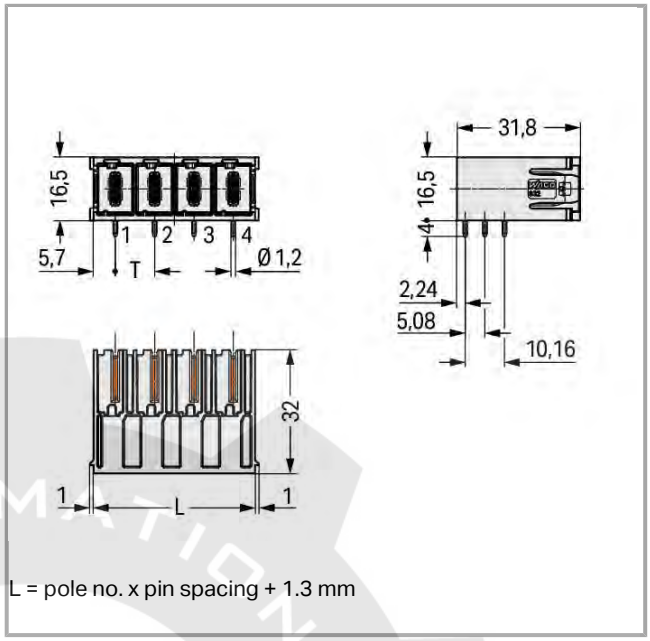
RoHS ✓ Compliant

BOMcheck.net

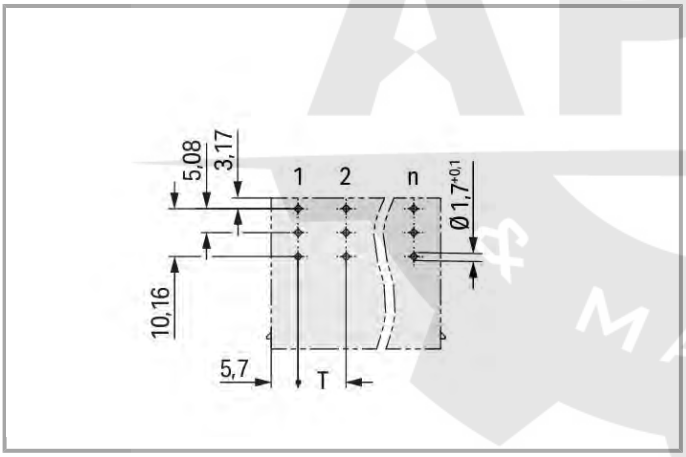
Color:







L = pole no. x pin spacing + 1.3 mm



Item description

- Male header may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- Mating face (IP2XB) with higher protection against accidental contact
- 100% protected against mismating
- Coding via coding fingers

Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated impulse voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	8 kV
Rated current	76 A

Connection data

No. of poles	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	10.16 mm / 0.4 inch
Width	21.62 mm / 0.851 inch
Height	20.5 mm / 0.807 inch
Height from the surface	16.5 mm / 0.65 inch
Depth	32 mm / 1.26 inch
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter (tolerance)	$1.7^{(- \ldots +0.1)}$ mm

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	Yes
Mating direction to the PCB	0 °

PCB contact

PCB contact	THT

Solder pin arrangement	over the entire male connector, in line
Number of solder pins per potential	3

Material Data

Color	light gray
Material group	I
Insulating material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	silver-plated
Weight	11.172 g

Environmental Requirements

Limit temperature range	-60 +120 °C

Commercial data

Country of origin	DE
GTIN	4055143730242
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	70180346

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Compatible products

Coding

Item no.: 832-500
Coding key carrier

832-500

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download

CAD/CAE - Smart Data

CAD data

3D Download 832-3622	URL	Download

AUTOMATION APEX & MACHINE

Subject to changes.