

Data sheet | Item number: 733-208

1-conductor male connector; 100% protected against mismatching; 0.5 mm²;

Pin spacing 2.5 mm; 8-pole



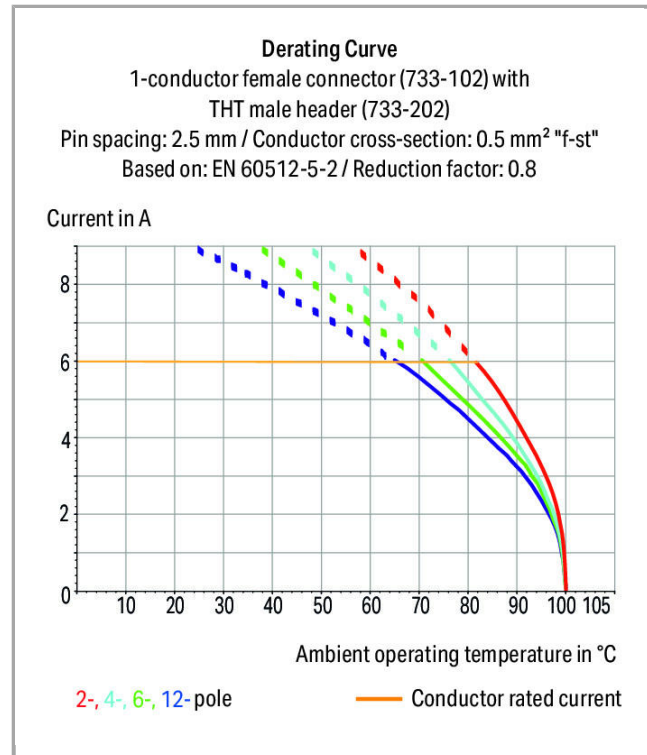
733-208



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Approvals per CSA

Rated voltage CSA (Use Group B)	150 V
Rated current CSA (Use Group B)	4 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 ... 0.5 mm ² / 28 ... 20 AWG
Fine-stranded conductor	0.08 ... 0.5 mm ² / 28 ... 20 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.34 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.34 mm ²
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch
No. of poles	8
Total number of connection points	8
Total number of potentials	8
Number of connection types	1
Number of levels	1
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	2.5 mm / 0.098 inch
Width	22.5 mm / 0.886 inch
Height	11.8 mm / 0.465 inch
Depth	20.3 mm / 0.799 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Mismating protection	Yes

Material Data

Color	light gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.08 MJ

Weight	4.002 g
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Environmental Requirements




Limit temperature range	-60 ... +100 °C
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Commercial data



Product Group	3 (Multi Conn. System)
Country of origin	PL
GTIN	4044918849593
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2169534.01
	CCA DEKRA Certification B.V.	IEC 61984	NL-31141
	CSA DEKRA Certification B.V.	C22.2	1465035
	CSA DEKRA Certification B.V.	C22.2	1465035

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	14- HG1241537- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name



UL
UL International Germany GmbH

UL 1977

E45171



UL
Underwriters Laboratories Inc.

UL 1059

20190122-
E45172

Compatible products

Strain relief plate



Item no.: 734-128
Strain relief plate; 12.5 mm wide

734-128

check



Item no.: 735-500
Test pin; 1 mm Ø; with solder connection for test wire

735-500

Coding



Item no.: 733-330
Coding key; snap-on type

733-330



Item no.: 733-331
Coding key; snap-on type

733-331

tools



Item no.: 210-251
Operating tool; for female and male connectors with CAGE CLAMP® connection; MCS MINI & MICRO

210-251



Item no.: 210-719
Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

210-719



Item no.: 233-331
Operating tool; for female and male connectors with CAGE CLAMP® connection; insulated

233-331



Item no.: 233-332
Operating tool; for 233 and 733 Series; of insulating material

233-332



Item no.: 233-335
Operating tool; for 233 and 733 Series

233-335



Item no.: 733-130
Operating tool; for male and female connectors with CAGE CLAMP®; loose







733-130



Item no.: 733-191
Operating tool; for male and female connectors with CAGE CLAMP®; loose

733-191

ferrule

	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated	216-131
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	216-132
	Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated	216-151
	Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	216-152
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-322

Downloads

Documentation

Additional Information

pdf
3.6 MB

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CAD/CAE - Smart Data

CAD data

3D Download 733-208

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Subject to changes.