

IE-PCBR-M12X-S-180**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

M12 X type cat. 6A PCB socket, pre-assembled or 2-piece, reflow compatible

General ordering data

Version	PCB plug-in connector, M12, Solder connection, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP67, when screwed in, Reflow compatible, Back panel mounting, 1-part
Order No.	1427670000
Type	IE-PCBR-M12X-S-180
GTIN (EAN)	4050118231915
Qty.	10 pc(s).

Creation date March 23, 2021 10:30:33 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	16.2 g	Wall thickness, max.	2.5 mm
Wall thickness, min.	0.9 mm		

Temperatures

Operating temperature	-40 °C...85 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General Info

Connection 1	M12	Connection 2	Solder connection
Configuration	Reflow compatible, Back panel mounting	Housing main material	CuZn
Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)	Connection thread	M12
Contact material	CuZn	Contact surface	Gold over nickel
Shielding material	CuSn	Shielding	360° all-round enclosure
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100

Electrical properties

Current-carrying capacity at 50 °C	0.5 A @ 40 °C	Insulation strength	100 MΩ
Rated voltage	48 V		

General standards

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-2-109
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Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC003568
ECLASS 9.0	27-44-03-09	ECLASS 9.1	27-44-03-09
ECLASS 10.0	27-44-03-09	ECLASS 11.0	27-44-01-10

Approvals

Approvals



ROHS	Conform
UL File Number Search	E316369

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369 CC Link IE Field M12-X PROFINET Manufacturer's Declaration
Engineering Data	STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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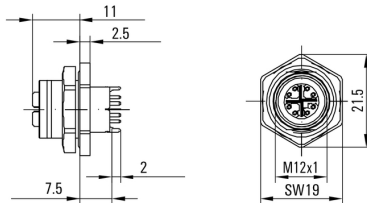
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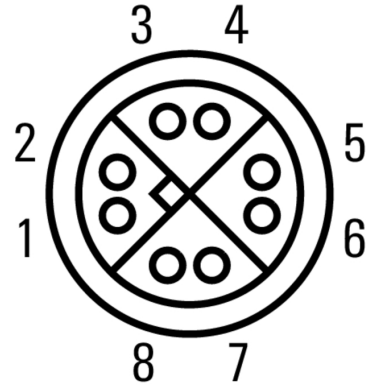
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Drawings

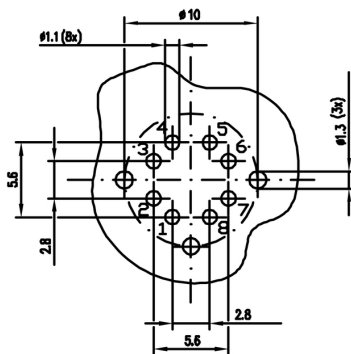
Dimensioned drawing



Pinning



Drilling template



Installation cut-out

