



**Technical specification:**

Rated voltage:	4pos	5pos
IEC 61076-2-101	250 V	60V
Current rating:	4/5pos	
IEC 61076-2-101	4 A at 40°C	
Insulation resistance:	>=100 MΩ	
IEC 60512		
Pollution degree:	3/2	
IEC 60664-1		
Degree of protection:	IP 67, in mated condition	
IEC 60529		
Temperature range:	-25°C ... +95°C	
EN 60512-11-10	-40°C	
EN 60512-11-4	-40°C ... +85°C	

Mating cycles:	>=100
IEC 60512-9a	

**Materials:**

Contact:	CuZn, Ni b / Au 0,2 gal.
Contact carrier:	LCP GF, UL 94 V-0
Sealing:	FPM
Soldering sheet:	CuZn, Ni / tin plated
Socket housing:	CuZn, Ni

**Installation specification:**

Recommended torque:	1-1,2 Nm
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Conec installation tool:	Torque wrench: 36-000200 Insert across flats 17: 36-000230
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Mounting situation: see fig. 4  
43K1A1791

Contact carrier module suitable for reflow soldering max. 60s / 250°C

Coplanarity of all contacts and soldering sheets max 0,1mm

Part no. packing unit Tape & Reel:	Part no. packing unit in bulk:	Description:	Pos
43-02109TR	43-02109	SAL - 12 - FS4 - X9 / 14 / SMT	4
43-02110TR	43-02110	SAL - 12 - FS5 - X9 / 14 / SMT	5

DO NOT ALTER CAD DRAWING BY HAND RoHS & REACH compliant	Index b 30.03.16 brü Ä6042 technical data changed & tolerance optimized	
	date	name
	drawn 16.01.13	Gitinow
	appd. 16.01.13	Kniesburgers
general tolerance:	0 ± 0,50mm	
	0,0 ± 0,25mm	
	0,00 ± 0,10mm	
	* ± 1,5°	
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dim. in mm

title:	Male socket M12x1 SMT, shielded
dwg no:	43K1A1819
part no:	see table