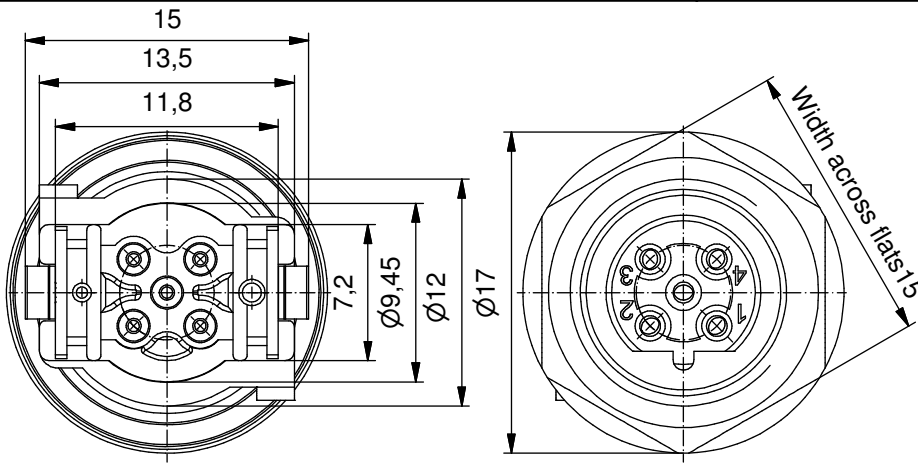




Technical specification:

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

Mating cycles:
IEC 60512-9a >=100

Total spring forces
shroud:
6,00mm 8-9N

Materials:

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

Installation specification:

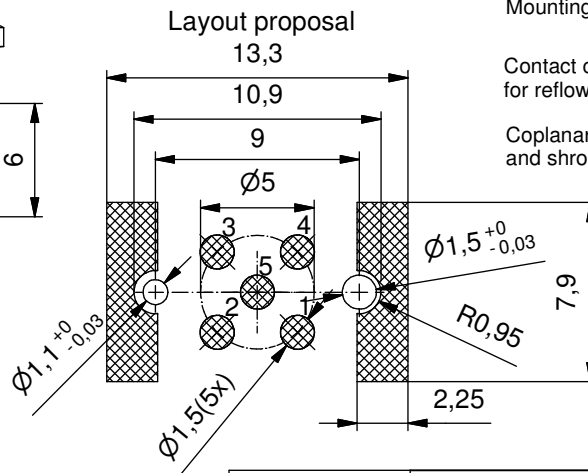
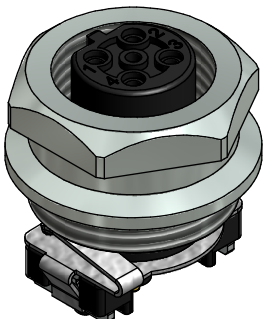
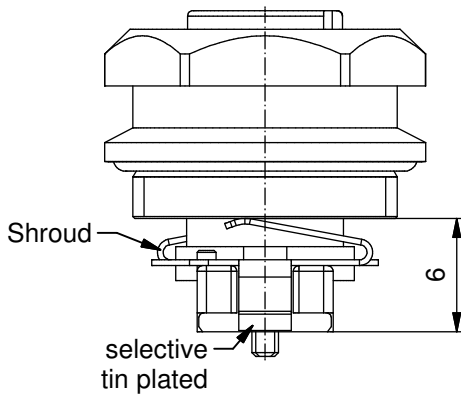
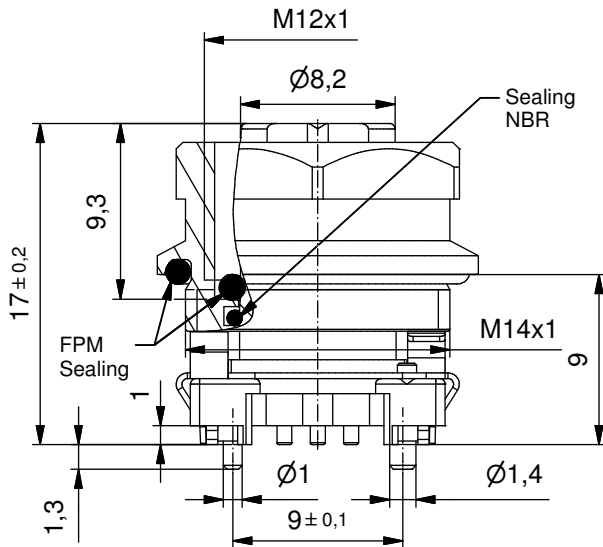
Recommended torque:
0,8-1 Nm

Conec installation tool:
Torque wrench:
36-000200
Insert across flats 15:
36-000320

Mounting situation:
see fig. 4
43K1A1791

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

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

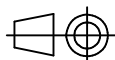


Part no. packing unit Tape & Reel:	Part no. packing unit in bulk:	Description:	Pos
43-02121TR	43-02121	SAL - 12B - FK4 - X9 / 14 / SMT	4
43-02122TR	43-02122	SAL - 12B - FK5 - X9 / 14 / SMT	5

DO NOT ALTER CAD DRAWING BY HAND

RoHS & REACH compliant

Index b 30.03.16 brü Ä6042
technical data changed & tolerance optimized



dim. in mm

	date	name
drawn	08.01.13	Gitinow
appd.	08.01.13	Kniesburgers

CONEC®

title:

Female socket M12x1 SMT,
b-coding

dwg no:

43K1A1854

part no:

see table

general tolerance:
0 ± 0,50mm
0,0 ± 0,25mm
0,00 ± 0,10mm
± ± 1,5°

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