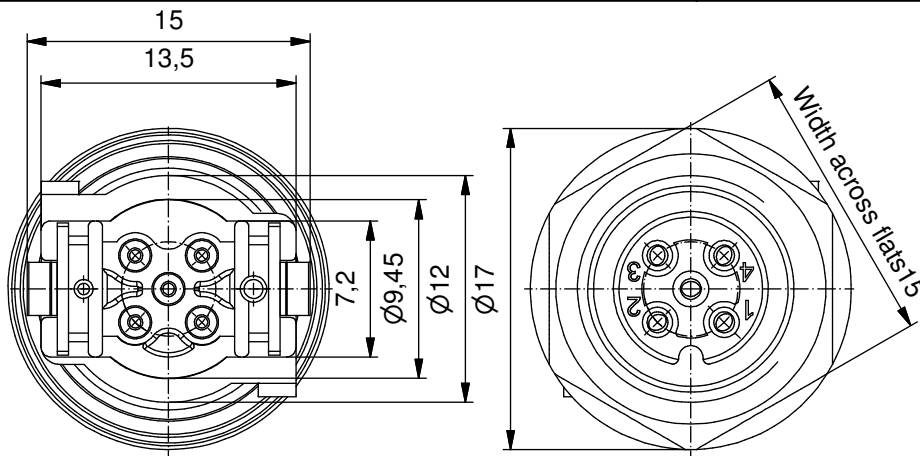




Technical specification:

Rated voltage:	4pos	5pos
IEC 61076-2-101	250 V	60 V
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:
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

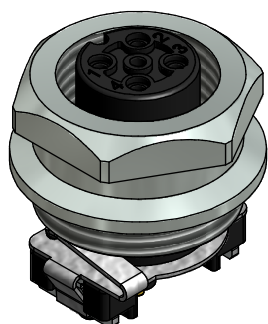
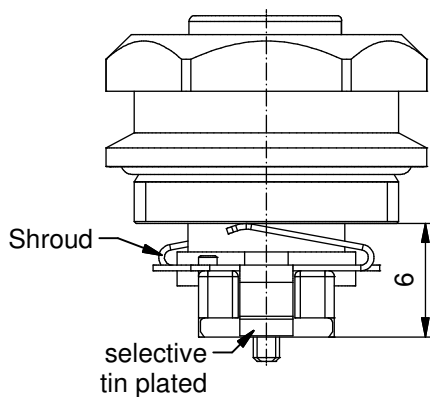
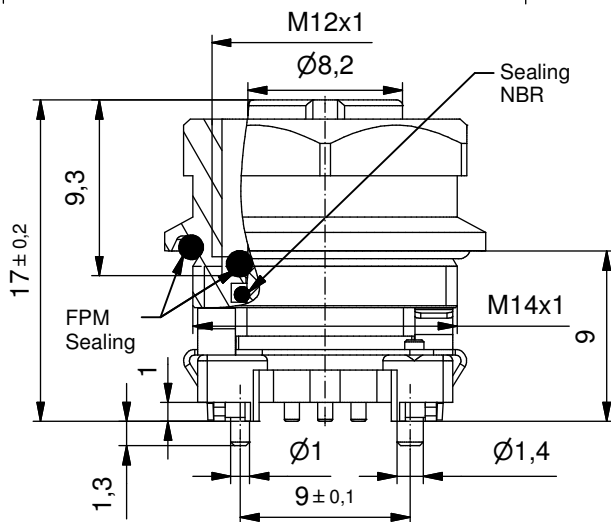
Installation specification:

Recommended torque:
0,8-1 Nm

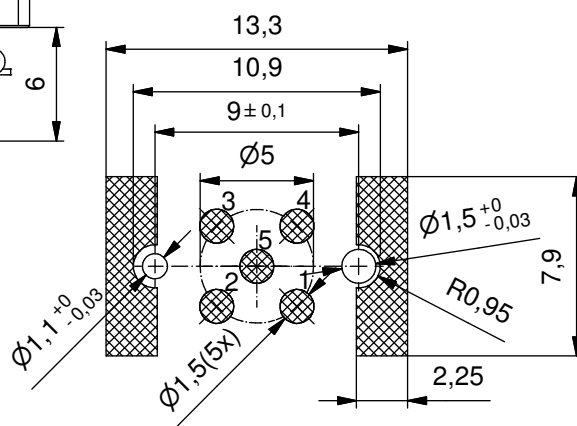
Conec installation tool:
Torque wrench:
36-000200
Insert across flats 15:
36-000320

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

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



Layout proposal

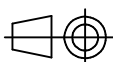


Part no. packing unit Tape & Reel:	Part no. packing unit in bulk:	Description:	Pos
43-01854TR	43-01854	SAL - 12S - FK4 - X9 / 14 / SMT	4
43-01855TR	43-01855	SAL - 12S - FK5 - X9 / 14 / SMT	5

DO NOT ALTER CAD DRAWING BY HAND

RoHS & REACH compliant

Index d 30.03.16 brü Ä6042
technical data changed & tolerance optimized



dim. in mm

	date	name
drawn	12.10.11	Kniesburgers
appd.	13.10.11	W.Schmidt

CONEC®

title:

Female socket M12x1 SMT,
shielded

dwg no:

43K1A1481

part no:

see table

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

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