

**Technical specification:**

Rated voltage: IEC 61076-2-109	8pos 48 V
Current rating: IEC 61076-2-109	8pos 0,5 A at 40°C
Transfer properties: IEC 61076-2-109	CAT 6A / 10 GBit/s
Insulation resistance: IEC 60512	>=100 MΩ
Pollution degree: IEC 60664-1	3
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 force:	max 10N

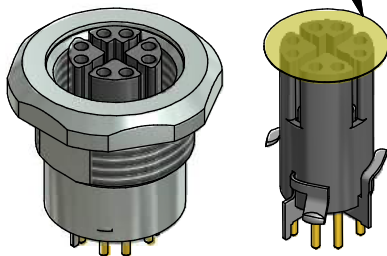
**Materials:**

Contact:	CuZn, Ni b / Au 0,2 gal.
Contact carrier:	LCP GF, UL 94 V-0
Shielding cross:	CuSn, Ni / sel. Sn
Socket housing:	CuZn, Ni
Sealing:	FPM

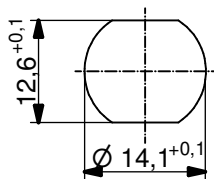
Coplanarity of all contacts  
max 0,1mm

Suitable for reflow soldering  
max. 60s / 250°C

Tape & Reel - parts with adhesive pad  
Ø11mm

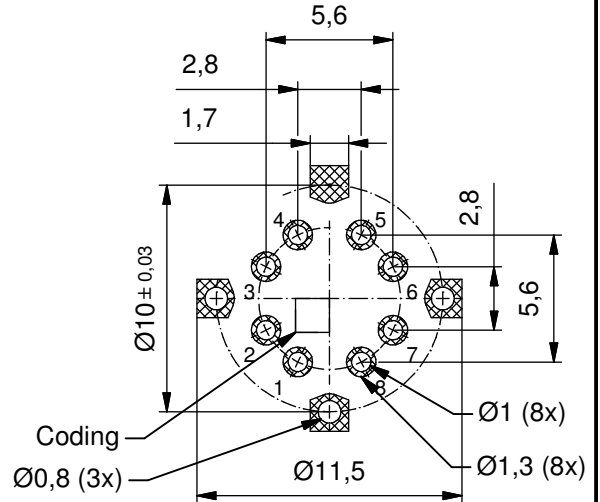


Cut-Out Front Panel



Minimum wall thickness 1,5mm,  
alternativ panel cut-out d=14,1

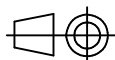
PCB layout proposal



Part no. packing unit Tape & Reel:	Part no. packing unit in bulk:	Description:	Pos
43-02760TR	43-02760	SAL - 12X - FK8 - X13 / SMT	8

DO NOT ALTER CAD DRAWING BY HAND

RoHS & REACH compliant



dim. in mm

	date	name
drawn	23.03.16	Brüntrup
appd.	23.03.16	Willer

title:

Female socket M12x1 THR, X-Cod., frontmounting, X13

dwg no:

43K1A3043

part no:

see table

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

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