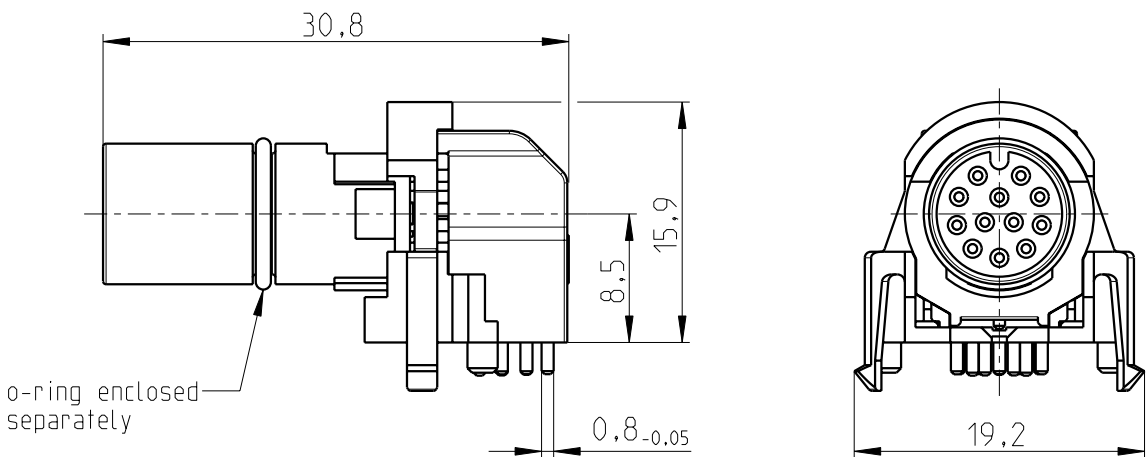


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Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	12 / A	contacts / surface	CuZn with gold layer
contact termination	dip solder / pin	contact carrier colour	PA6T / 66 black
contact-Ø	12xØ0.6mm	sealing gasket	FKM
temperature range	-40 °C to +105 °C		
protection class	IP67		
mating cycles	>100		

further information:
 - see technical data M12-3

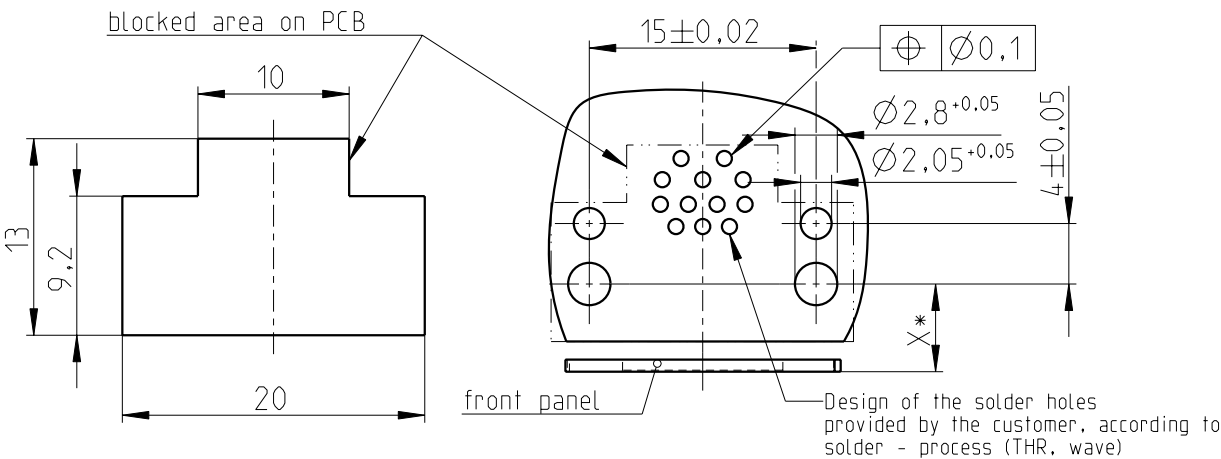
While mounting the insulating body with o-ring into the housing, the axial mounting force on each connector shouldn't be higher than 80N. Avoid radial forces!



All specified data refers to the mounted M12 installation plugs ≥ IP54 and requires that the connector pair be correctly plugged and locked. Influences from wires, cables or PCB mounting are also to be taken into consideration.

drilling plan
 component side (front view PC-Board)

* measure X depends on the installed housing, see installation recommendation of the housing series M12 DSIV

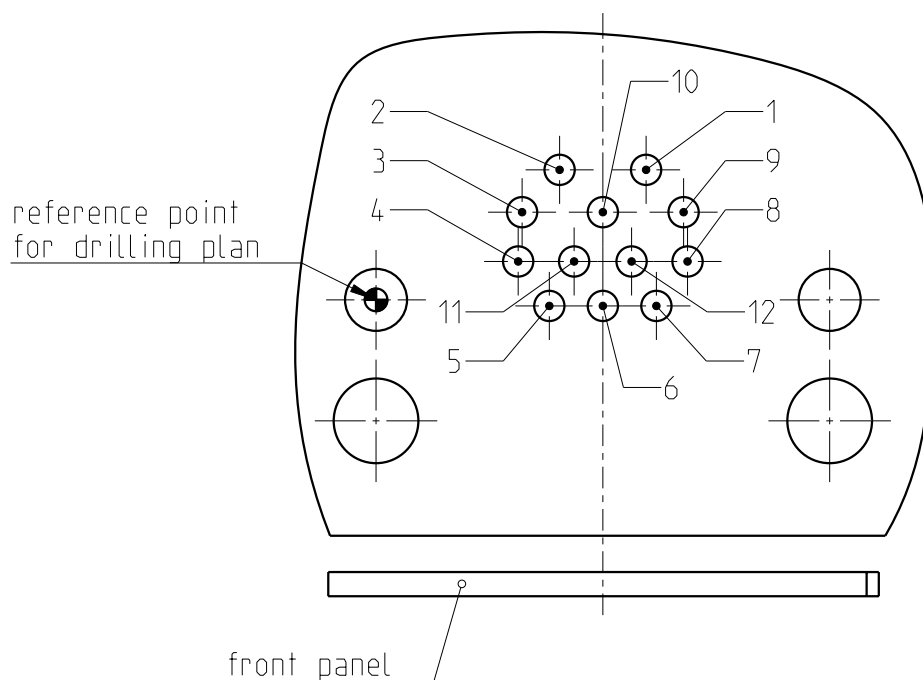


further dimensioning see page 2

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 4 / 2012-06-27		scale: 2:1		
	date	name	Series DSIV M12-male-contact carrier 12-pole male/A-coding/angled					page: 1 of: 2	
design	2012-03-29	Scheerer							
chk.									
			drawing-no.:	BS-12P2NE20000		doc.-no.:	00655517		
			order-no.:	1424194					
			article designation:	SACC-C I-M12MS-12CON-L90					

drilling plan

component side (front view PC-Board)



bore	X	Y
1	8,93	4,3
2	6,07	4,3
3	4,83	2,9
4	4,7	1,27
5	5,73	-0,2
6	7,5	-0,2
7	9,27	-0,2
8	10,3	1,27
9	10,17	2,9
10	7,5	2,9
11	6,55	1,27
12	8,45	1,27

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 4 / 2012-06-27		scale: 4:1		
	date	name	Series DSIV M12-male-contact carrier 12-pole male/A-coding/angled					page: 2 of: 2	
design	2012-03-29	Scheerer							
chk.									
			drawing-no.:		BS-12P2NE20000		doc.-no.:	00655517	
			order-no.:		1424194				
			article designation:		SACC-C I-M12MS-12CON-L90				