

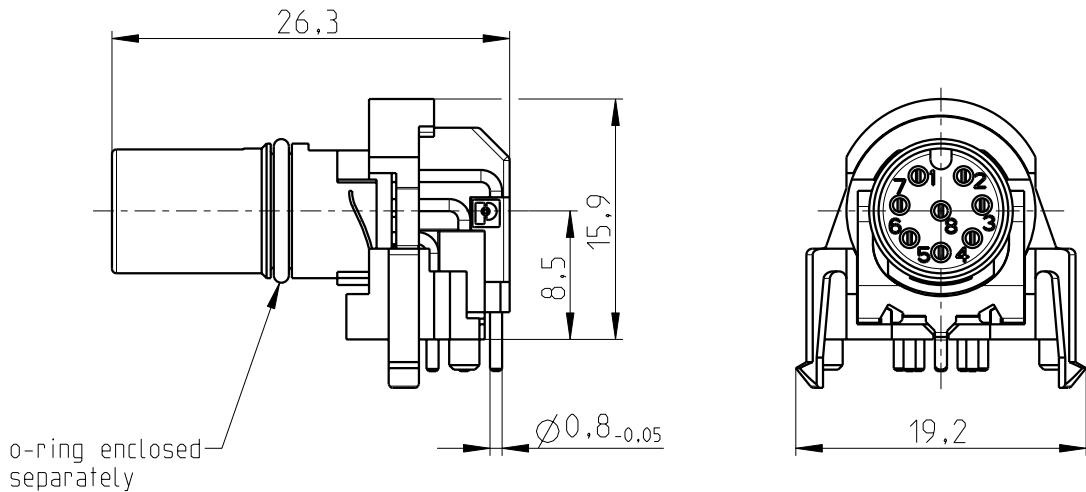
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Mechanical data (according to IEC 61076-2-101)		Material		further information: - see technical data M12-3
no. of poles / coding	8 / A (with shield connection)	contacts / surface	CuZn with gold layer	
contact termination	dip solder / socket	contact carrier	PA6T/66	
contact-Ø	8xØ0,8mm	colour	black	
temperature range	-40 °C to +105 °C	sealing gasket	FKM	
protection class	IP67			
mating cycles	>100			

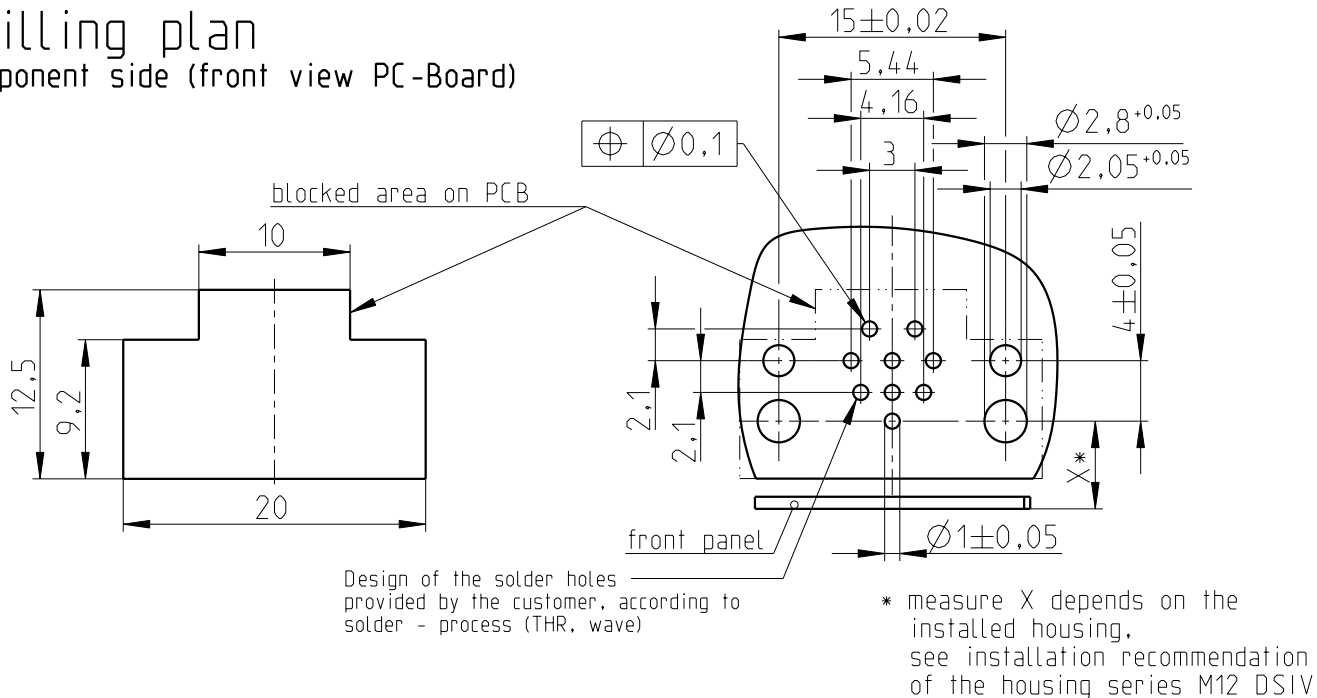
While mounting the insulating body with o-ring into the housing, the axial mounting force on each connector shouldn't be higher than 80N.
Avoid radial forces!



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)



general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 1 / 2012-06-20	scale: 2:1
design	date	name	Series DSIV M12-socket-contact carrier 8-pole socket/A-coding/angled/shield connection			
chk.	2012-06-20	Thumm				
			drawing-no.:	BS-08S2NF20000	doc.-no.:	97013289
			order-no.:	1239641		
			article designation:	SACC-CI-M12FS-8CON-L90 SH SCOX		