



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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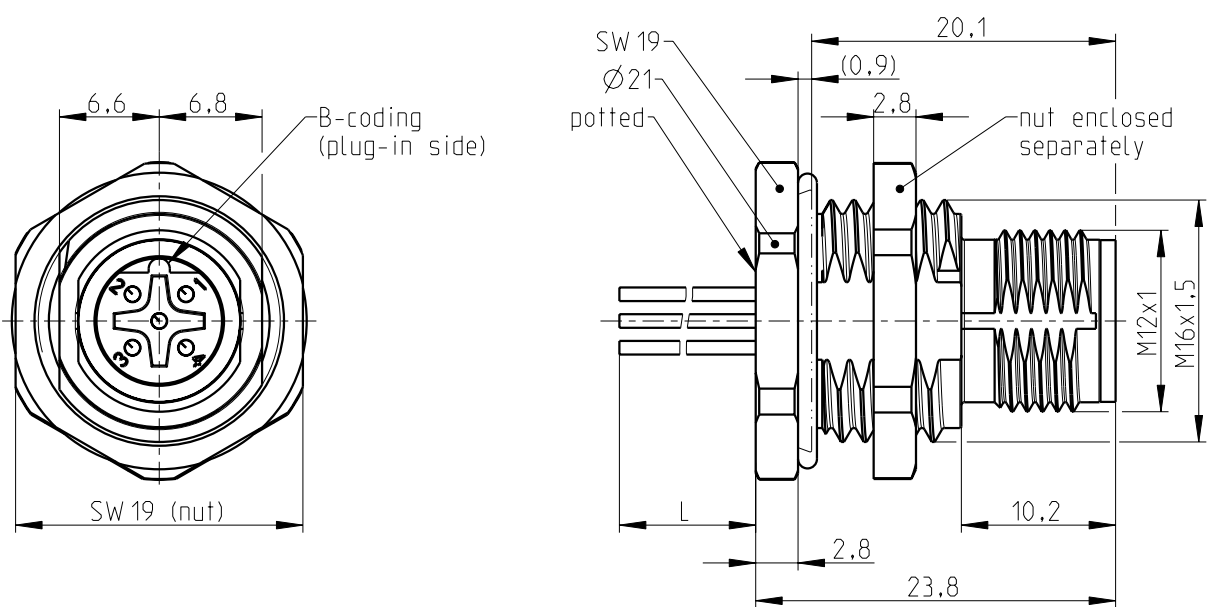
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Mechanical data (according to IEC 61076-2-101)		Material	
no. of poles / coding	5 / B	housing / surface	GD-Zn / Ni
contact termination	crimp / pin	contact carrier	PA 66 / UL 94 V0
contact-Ø	1mm	colour	black
temperature range	-40 °C / +85 °C	wire	TPE
protection class	IP 67	cross section	0,34mm²
mating cycles	>100	contacts / surface	CuZn / Au
locking system	M12 STANDARD	sealing gasket	FKM
		potting	PU 2k / UL 94 V0

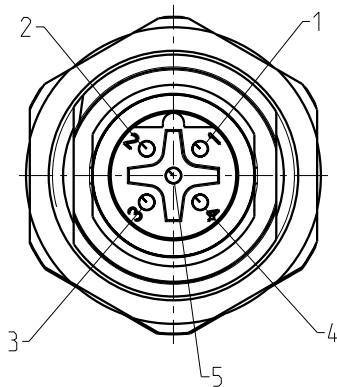
further information:  
- see technical data M12-1  
- see installation recommendation M16x1,5 design DSI XL



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.

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View of pin assignment  
Plug-in side



Pin layout

pin	colour
1	brown
2	white
3	blue
4	black
5	grey

order-no.	L (m)
1411594	0,5

general tolerance acc. to DIN ISO 2768-c			technical changes reserved		Index 1 / 2013-11-05		scale: 2:1		
	date	name	description:  Housing with crimp contacts Rear mounting (M16x1,5)					page: 1 of: 1	
design	2013-11-05	Scheerer							
chk.									
			drawing-no.:	BA-L33RSC0AX,XX (X,XX=L)			doc.-no.:	00756863	
			order-no.:	see chart					
			article designation:	SACC-DSI-M12MSB-5P-M16XL/L (see chart)					