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!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
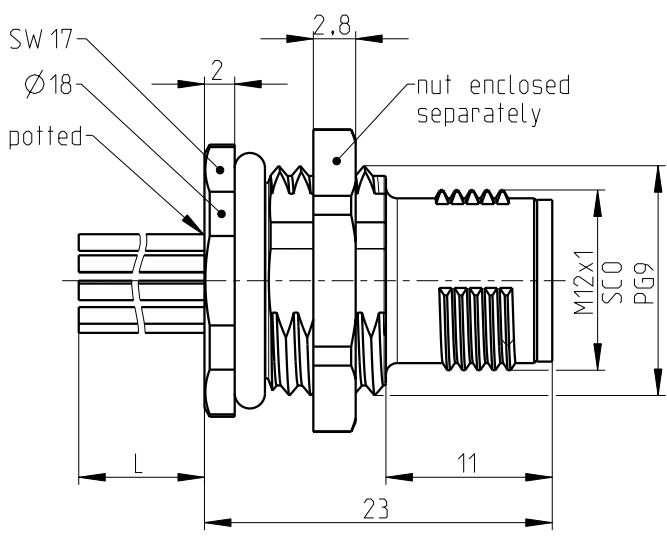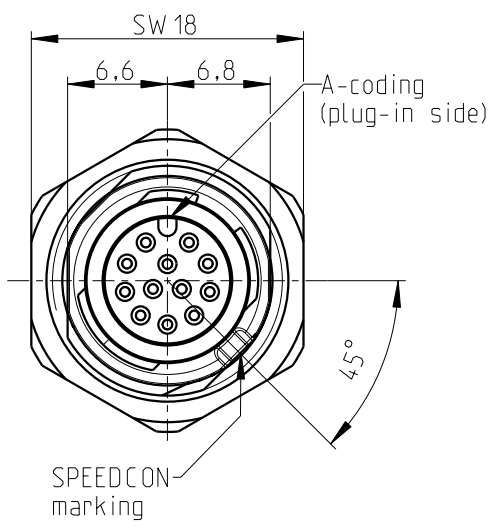Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Mechanical data (according to IEC 61076-2-101)

no. of poles / coding	12 / A
contact termination	crimp / pin
contact-Ø	0.6mm
temperature range	-40°C / +85°C
protection class	IP 67
mating cycles	> 100
locking system	M12 STANDARD / SPEEDCON

Material

housing / surface	GD-Zn / Ni
contact carrier colour	PA 66 / UL 94 V0 black
wire	TPE
cross section	0.14mm²
contacts / surface	CuZn / Au
sealing gasket	FKM
potting	PU 2k / UL 94 V0

further information:
- see technical data M12-1
- see installation recommendation PG9 design DSI

SW 18
6,6   6,8
A-coding (plug-in side)

45°

SPEEDCON marking

SW 17
Ø18
potted
2
2,8
nut enclosed separately
M12x1 SCO PG9
11
23
L

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.

View of pin assignment
Plug-in side
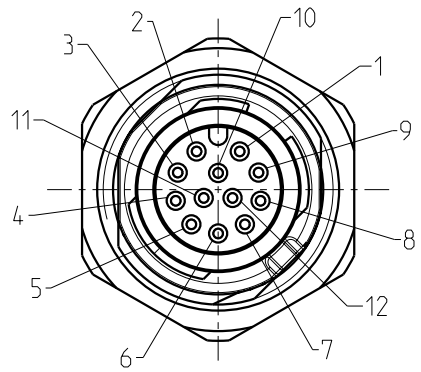
Pin layout

pin	colour	pin	colour
1	brown	7	black
2	blue	8	grey
3	white	9	red
4	green	10	purple
5	pink	11	grey/pink
6	yellow	12	red/blue

order-no.	L (m)
1430459	0,5
1579608	1,5

general tolerance acc. to DIN ISO 2768-c		technical changes reserved	Index 1 / 2012-11-15	scale: 2:1
	date	name		
design	2008-03-12	Thumm	description: Housing with crimp contacts Rear mounting (PG9)	
chk.				page: 1 of: 1

drawing-no.:	BA-L60P0A0QX.XX (X.XX=L)	doc.-no.:	00693194
order-no.:	see chart		
article designation:	SACC-DSI-MS-12CON-PG9/L (see chart) SCO		

PHOENIX CONTACT