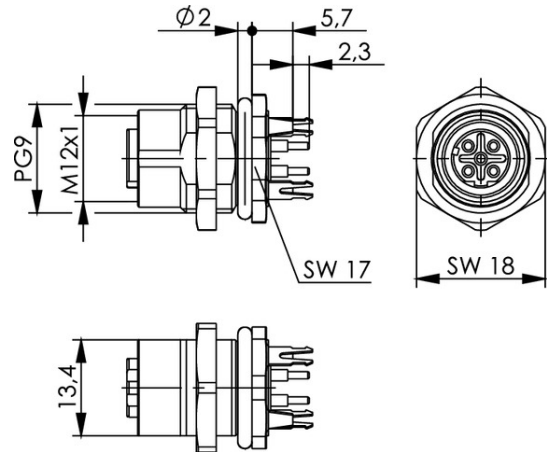


order number: J80020A0221

STX M12x1 BS D-cod. Cat.5, BS4D180-1-4THR057BM000



Fig. may differ



Technical Attributes	
Description	STX M12x1 BS D-cod. Cat.5
Short name	BS4D180-1-4THR057BM000
Type	4 pole, D-coded, straight, 1pc. design, screen connection quad, solder connection THR, gap to PCB 5.7 mm, back mounting

Mechanical Characteristics	
Durability (Matings)	≥ 100
Cu-Conductor diameter: solid	0.51 - 1.0 mm (AWG24-18/1)
Insertion force	≤ 30 N
Material: contacts	CuSn
Material: shield	German silver
Material: pressure screw	brass nickel-plated
Material: housing	zinc diecast nickel plated / brass nickel plated
Material: contact body	PA
Material: contacts	CuSn

Material: contact finish	Au over Ni
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Electrical Characteristics	
Contact resistance	$\leq 5 \text{ M}\Omega$
Voltage proof: contact-contact	$\geq 500 \text{ V, DC}$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Voltage proof: contact-shield	$\geq 500 \text{ V, DC}$

Standards	
Connectors	IEC 61076-2-101

Shock	50 g
Protection against particulate ingress	IP6X
Protection against water / immersion	IPX7
Ambient temperature	-40° C to +85° C

Fast Ethernet acc. to IEEE 802.3	fulfilled
Category 5	ISO/IEC 11801, DIN EN 50173-1