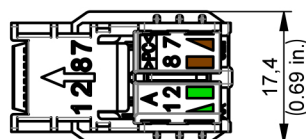
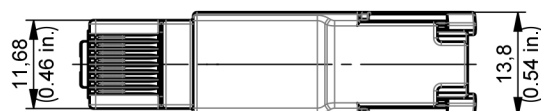
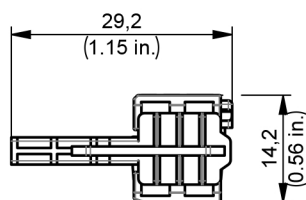
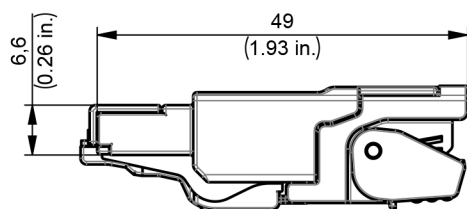
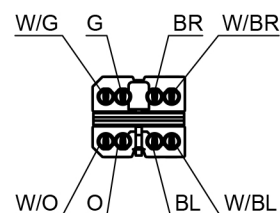


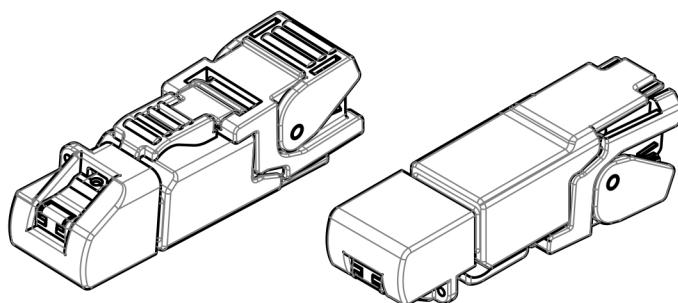
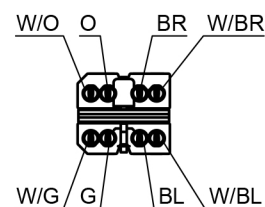
MFP8 Cat.6_A AWG24-22/1, AWG27-22/7



Pin Assignment T568A
according to TIA/EIA 568-C.2



Pin Assignment T568B
according to TIA/EIA 568-C.2



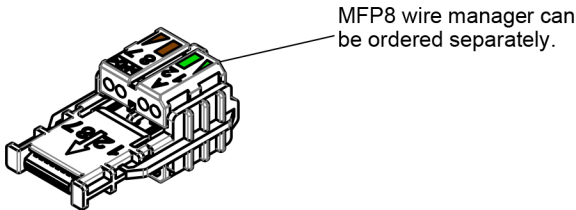
Part No.	Description	Barcode EAN 13	Pkg. Qty
J00026A2000	MFP8 T568A Cat.6 _A AWG24-22/1, AWG27-22/7	4018359380670	10
J00026A2001	MFP8 T568B Cat.6 _A AWG24-22/1, AWG27-22/7	4018359380687	10
J00026A2110	MFP8 T568A Cat.6 _A AWG24-22/1, AWG27-22/7	4018359389659	10
J00026A2111	MFP8 T568B Cat.6 _A AWG24-22/1, AWG27-22/7	4018359389666	10

Part No.	Packing	Standard Pack	Carton	Pkg. Qty	Carton	Pkg. Qty	Outer carton
J00026A2000	1 pc. in PE bag, one mounting information	10 PE bags in carton	295x135x45 [mm]	-	-	10 cartons in outer carton	330x305x270 [mm]
J00026A2001	1 pc. in PE bag, one mounting information	10 PE bags in carton	295x135x45 [mm]	-	-	10 cartons in outer carton	330x305x270 [mm]
J00026A2110	10 pcs in blister pack, one mounting information	10 pcs. in blister pack	-	10 blister packs in carton	280x135x103 [mm]	5 cartons in outer carton	330x305x270 [mm]
J00026A2111	10 pcs in blister pack, one mounting information	10 pcs. in blister pack	-	10 blister packs in carton	280x135x103 [mm]	5 cartons in outer carton	330x305x270 [mm]

MFP8 Cat.6A
AWG24-22/1, AWG27-22/7



Optional



Part No.	Description	Barcode EAN 13	Standard Pack	Pkg. Qty	Carton
F00020A2130	MFP8 wire manager T568A AWG24-22/1, AWG27-22/7	4018359395889	30 pcs in blister pack	10 blister packs in carton	280x135x103 [mm]
F00020A2131	MFP8 wire manager T568B AWG24-22/1, AWG27-22/7	4018359395896	30 pcs in blister pack	10 blister packs in carton	280x135x103 [mm]
N00000B0020	Parallel press tool	4018359391430	1 pc.	-	-
N00000A0013	Plier-Wrench 1 3/8"	4018359306731	1 pc.	-	-

Technical Data	
Standard Connector	IEC 60603-7-51
Mechanical Characteristics	
Insertion force	< 30 N
Life (mating cycles)	> 750
Cable to plug tensile strength	min. 50 N
Materials	
Connector housing	zinc diecast Ni plated
Contact housing	PC UL94 V0 crystal clear
Wire presorting	PC UL94 V0 white
Strain relief lever	PBT UL94 V0 black
Hook, protection cap	PBT UL94 V0 black
PCB	FR4 UL94 V0 soldermask both side
Piercing contacts	Bronze, min. 3...6 µm Sn
Shield contact	Brass 2.5 µm Sn
Contacts	Spring steel 0.8 µm Au; 1.2 µm Ni
Directive 2011/65/EU (RoHS)	RoHS-compliant
Wire Connection	
Cu-conductor diameter	Solid 0.51 – 0.64mm AWG24 – AWG22/1 Stranded 0.46 – 0.76mm AWG27 – AWG22/7
Core diameter	1.0 - 1.6mm
Reusable IPC	≤ 4x
Cable diameter	5.0 - 9.0mm

Technical Data	
Environmental Requirements	
Protection against Ingress	
Particulate ingress	IP2X
Water / Immersion	IPX0
Climatical and Chemical	
Ambient temperature	-40°C to +85°C
Electrical Characteristics	
Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 500 MΩ
Voltage Proof	
Contact-Contact	≥ 1000 V, DC
Contact-Shield	≥ 1500 V, DC
Current carrying capacity at 50°C	1 A
PoE+ according to IEEE 802.3at	Adequate for Power over Ethernet+
Transmission Performance **	
10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 Gigabit Ethernet
Category 6 _A	ISO/IEC 11801; DIN EN 50173-1
Class E _A	ISO/IEC 11801; DIN EN 50173-1
Category 6A	ANSI/TIA-568-C.2
Standards	
Degrees of protection provided by enclosures (IP code)	IEC 60529
UL Standard: Communications-Circuit Accessories	UL 1863
UL Standard: Fire Test	UL 2043 ***
Generic cabling systems	ISO/IEC 11801; DIN EN 50173-1
Approval	
UL listed	E244889

** The editions of the aforementioned standards by the time of 08.11.2017 are valid.

*** Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces.