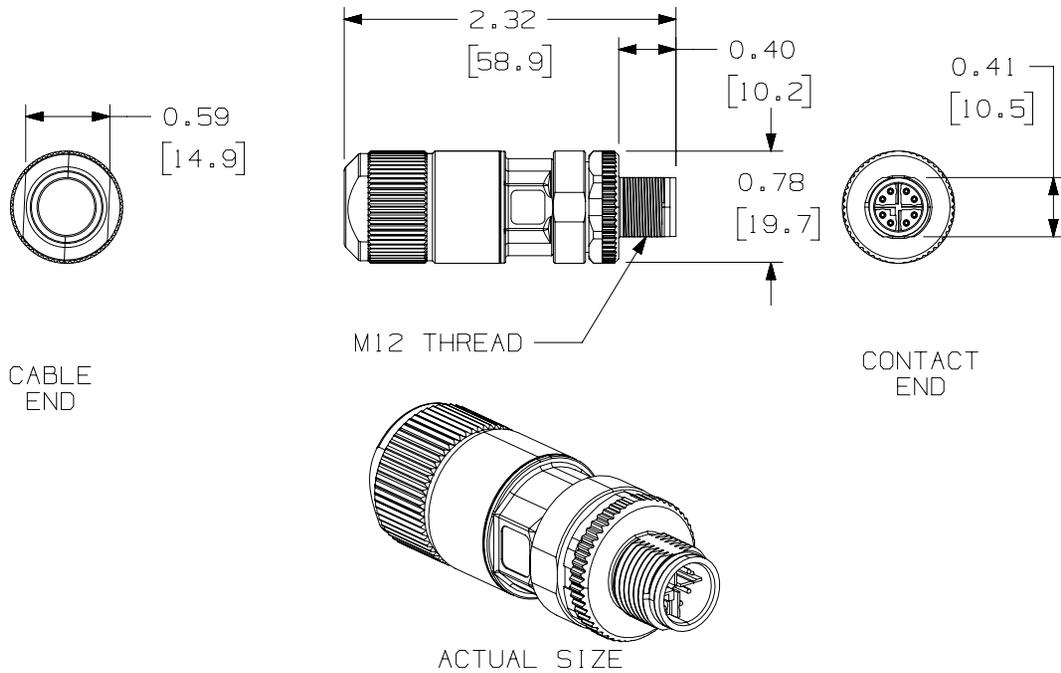


THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



NOTES:

- CONSTRUCTED TO MEET THE CONNECTOR STANDARDS ISO 11801, IEC 61076-2-109 AND IEC 60532-4.
- THE TRANSMISSION PERFORMANCE IS 10Gbps ETHERNET AND IS ADEQUATE FOR PoE ACCORDING TO IEEE 802.3af AND PoE ACCORDING TO IEEE 802.3at
- MEETS THE FOLLOWING CATEGORIES:
 - CATEGORY 6A/CLASS EA PER ISO/IEC 11801 DIN EN 50173-1
- ELECTRICAL:
 - WORKING VOLTAGE: 50V
 - WORKING CURRENT: 4A
 - NUMBERS OF CONTACTS: 8
 - CONTACT GENDER: PIN
- MECHANICAL:
 - TERMINATION CYCLES WITH SAME CROSS SECTION WIRE: 10
 - RECOMMENDED TIGHTENING TORQUE: 0.443 FT/LBS [0.6N/M]
 - HEXAGONAL WRENCH: SW 18mm
- CABLE CONSTRUCTION ACCEPTANCE:
 - CONDUCTOR DIAMETER:
 - SOLID: 0.051-0.64mm (AWG 24-22/7)
 - STRANDED: 27/7 AWG-22/7 AWG, (0.46-0.76mm)
 - INSULATION DIAMETER (DIAMETER OF DIELECTRIC (DOD)): 0.9-1.6mm
 - CABLE DIAMETER (DIAMETER OF JACKET (DOJ)): 5.5-9mm
- CONSTRUCTION:
 - ALL MATERIALS AND COMPONENTS USED MUST MEET THE MATERIAL RESTRICTIONS OF RoHS, (EUROPEAN DIRECTIVE 2011/65/EU ON THE RESTRICTION OF HAZARDOUS SUBSTANCES) AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION COMMITTEE.
 - COMPONENT MATERIALS:
 - LOCK NUT: BRASS/(NI) PLATED
 - CONNECTOR HOUSING: (ZN) DIECAST, (NI) PLATED AND PLASTIC PART IS PA UL94 V-0
 - CONTACTS: BRASS/(AU) PLATED
- ENVIRONMENTAL:
 - OPERATING TEMPERATURE: -13°F-+185°F [-25°C-+85°C]
 - STORAGE TEMPERATURE: -13°F-+185°F [-25°C-+85°C]
 - INGRESS PROTECTION RATING (IP): IP65/IP67
- c(UL)us MEETS UL1683, CSA C22.2
- WEIGHT: 0.12 LBS/10 PCS [531.2g/20 PCS]

PART NUMBER		ISPS6A88MFA	
TITLE		ISPS6A88MFA FIELD TERMINABLE M12 X-CODE 8 POSITION PLUG CONNECTOR	
		CUSTOMER DRAWING	
ITEM REVISION NAME		00103LAA/00	
DATASET FILE NAME		00103LAA_DC02/00B	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]			
.x ± .1 [2.54] .xxx ± .005 [0.127] .xx ± .01 [0.25] ANGLES ± 5°			
DRAWING NUMBER:		00103LAA-02	
DRAWN BY		BJN	
DATE		12-15-16	
CHK		SCAL	
SCALE		NONE	
SHT 1 OF 1		A	

00B	11-02-17	JBO	DJAP	MARK	RELEASED TO PRODUCTION	00103LAA-02
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN

D10100DA/14