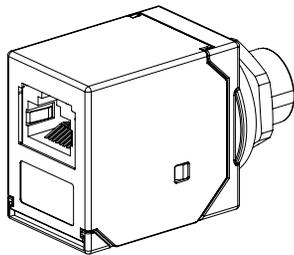
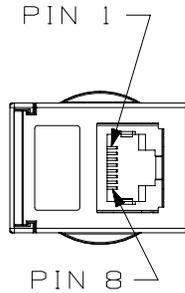
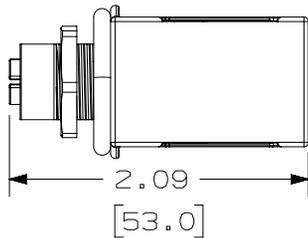
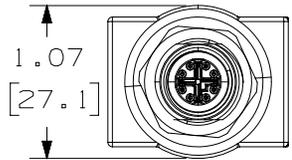
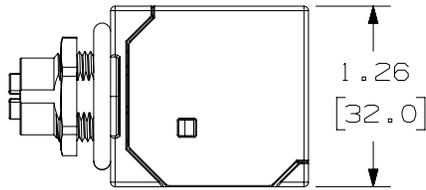


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ACTUAL SIZE

NOTES:

1. CONSTRUCTED TO MEET THE FOLLOWING STANDARDS:
 - A. FEMALE M12 X-CODE END: IEC 61076-2-109
 - B. M12 TO RJ45: ANSI/TIA-568-C.2
2. THE TRANSMISSION PERFORMANCE IS 10 GIGABIT ETHERNET ACCORDING TO IEEE 802.3an
 - A. THE PRODUCT WAS TESTED ACCORDING TO ANSI/TIA-568-C.2 PERMANENT LINK, CATEGORY 6A
3. MEETS THE FOLLOWING CATEGORIES:
 - A. CATEGORY CLASS EA PER ISO/IEC 11801 DIN 50173-1
 - B. CATEGORY 6A PER ANSI/TIA/EIA-568-C.2
4. ELECTRICAL:
 - A. WORKING VOLTAGE: 50V
 - B. WORKING CURRENT: 0.5A
5. MECHANICAL:
 - A. PANEL THICKNESS: 0.157" [4.0mm] MAXIMUM
6. CONSTRUCTION:
 - A. 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.
 - B. COMPONENT MATERIALS:
 - i. CONNECTOR HOUSING: PA UL94 VO, BLACK
 - ii. PCB: PI UL 94 VO
 - iii. JACK: PA UL94 VO, BLACK
 - iv. O-RING OUTSIDE: FKM
 - v. O-RING INSIDE: NBR
 - vi. NUT: BRASS ALLOY, (Ni) PLATED
 - vii. SHIELD CONTACT: (Cu) ALLOY PLATED WITH (Ni)
 - viii. CONTACTS (M12): (CuSn) ALLOY
 - ix. CONTACTS (RJ45): PHOSPHOR BRONZE
 - x. CONTACT FINISH (M12): (Au) OVER (Ni) PLATED
 - xi. CONTACT FINISH (RJ45): (Au) ON CONTACT AREA PLATED
7. ENVIRONMENTAL:
 - A. OPERATING TEMPERATURE: -13°F TO +176°F (-25°C TO +80°C)
 - B. STORAGE TEMPERATURE: -40°F TO +185°F (-40°C TO +85°C)
 - C. INGRESS PROTECTION RATING M12 (IP): IP67
8. WEIGHT: 0.78 LBS/10 PCS (357g/10 PCS)

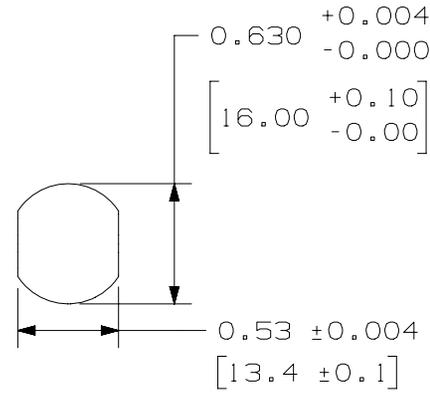
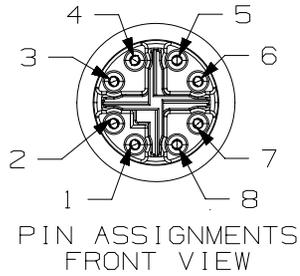
PRODUCT SPEC	N/A	PACKAGING SPEC	N/A
PART NUMBER	ICAM12XRJS	WORK INSTRUCTION	N/A
INSPECTION INSTRUCTION NUMBER	N/A	FMEA & CONTROL PLAN NUMBER	N/A

TITLE		Industrial M12, X-Code 8-Pin Female to RJ45 Cat.6A Straight Jack Adapter	
CUSTOMER DRAWING			
ITEM REVISION NAME		00162LAA/00	
DATASET FILE NAME		00162LAA_DC02/00A	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		MATERIAL:	
.x ± .1 [2.54] .xxx ± .005 [0.127]		SEE NOTE 6.B	
.xx ± .01 [0.25] ANGLES ± 5°		DRAWING NUMBER:	
THIRD ANGLE PROJECTION		00162LAA-02	
DRAWN BY	DATE	CHK	SCALE
BJN	3-7-17	JAV	FULL
SHT 1 OF 2		A	

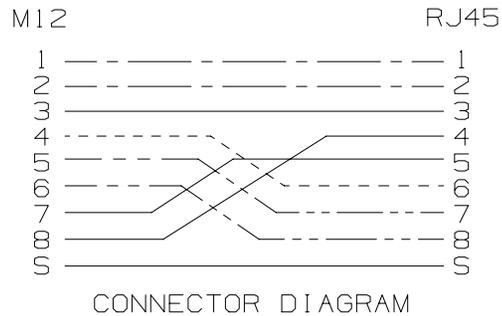
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
R	3-21-17	BJN	JAV	SVASH	RELEASED TO PRODUCTION	00162LAA-02

D10100DA/20

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M12 RECOMMENDED
PANEL CUT-OUT



PRODUCT SPEC	N/A	PACKAGING SPEC	N/A
PART NUMBER	ICAM12XRJS	WORK INSTRUCTION	N/A
INSPECTION INSTRUCTION NUMBER	N/A	FMEA & CONTROL PLAN NUMBER	N/A

TITLE		Industrial M12, X-Code 8-Pin Female to RJ45 Cat.6A Straight Jack Adapter	
CUSTOMER DRAWING			
ITEM REVISION NAME		00162LAA/00	
DATASET FILE NAME		00162LAA_DC02/00A	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		PANDUIT MATERIAL: SEE NOTE 6.B	
.x \pm .1 [2.54] .xxx \pm .005 [.127] .xx \pm .01 [.25] ANGLES \pm 5 °			
THIRD ANGLE PROJECTION		DRAWING NUMBER: 00162LAA-02	
DRAWN BY	DATE	CHK	SCALE
BJN	3-7-17	JAV	FULL
SHT 2 OF 2		A	

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
R	3-21-17	BJN	JAV	SVASH	SEE SHEET 1 FOR REVISION HISTORY	

D101000DA/14