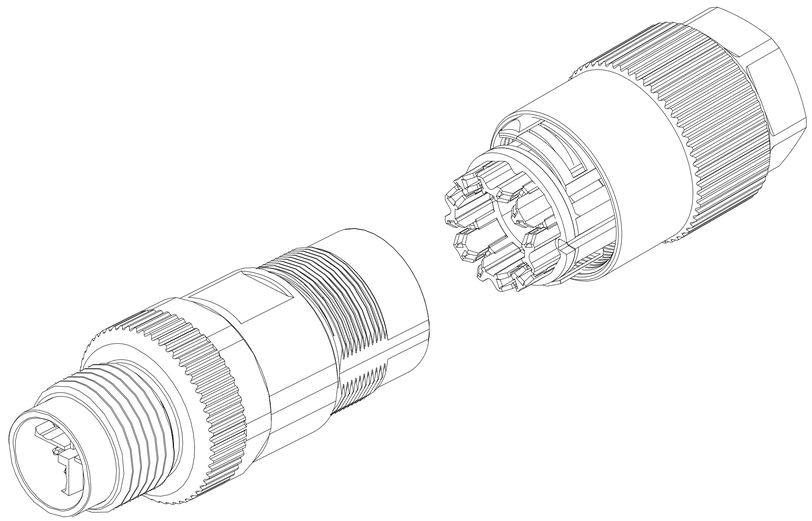
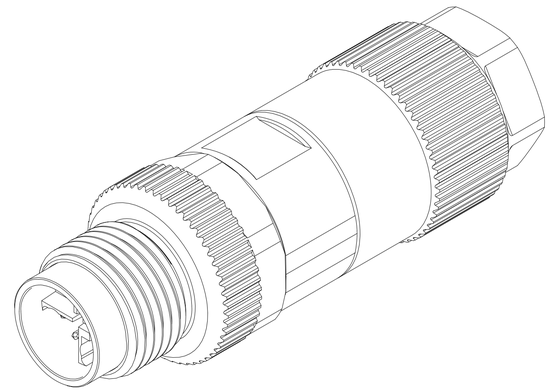
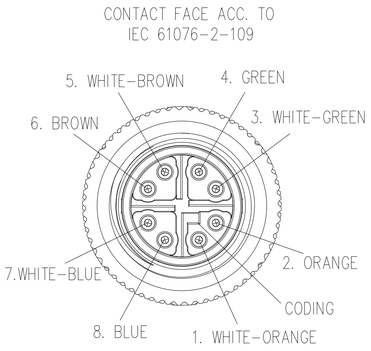
DATE	REV	REVISION CHANGES	ECN	APP'D BY
09/17/19	A0	AS DRAWN	-	ADB
01/24/20	A1	ADDED ISOMETRIC VIEW OF AS SUPPLIED PLUG COMPONENTS, REVISED EXISTING ISOMETRIC VIEW TO SHOW ASSEMBLED STATE. 50.09±0.20 WAS 50.09 AND 16.40±0.20 WAS 16.40.	11504	ADB

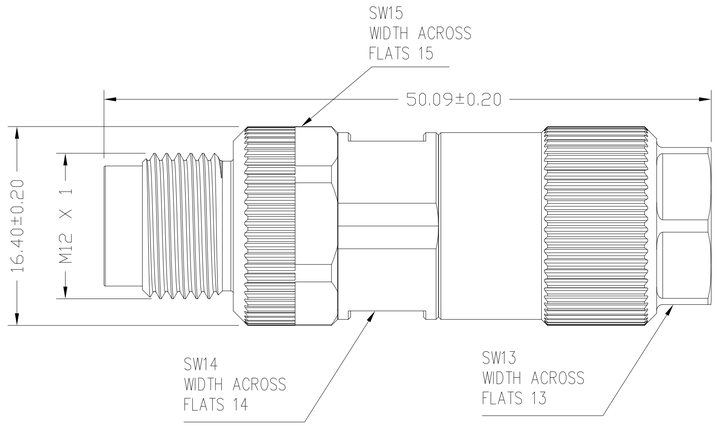


ISOMETRIC VIEW – AS SUPPLIED COMPONENTS



ISOMETRIC VIEW – ASSEMBLED STATE





NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: THERMOPLASTIC UL94 V-0
   CONTACTS:: COPPER ALLOY
   SHELL: COPPER ALLOYS AND ZINC ALLOY
   SEALING: NBR
   CONTACT PLATING: UNDERPLATE: 50u"~70u" NICKEL
   CONTACT AREA: 10u" GOLD
   IDC AREA: 80-120u" TIN PLATED
2. FOR PRODUCT SPECIFICATIONS SEE PR039-01
3. DIMENSIONS AND TOLERANCES COMPLY WITH IEC 61076-2-109 STANDARD.
4. PLUG ACCOMMODATES CABLE Ø6.8 – Ø9.0
5. CODING: X
6. TIN PLATED IDC ACCOMMODATES 26 AWG WIRE
7. CURRENT RATING: 0.5 AMPS MAX PER CONTACT
8. INSULATION RESISTANCE: 100 MOHMS MIN @ 500 VDC
9. VOLTAGE RATING: 48V PER CONTACT
10. CONTACT RESISTANCE: 5mΩ MAX
11. DIELECTRIC WITHSTAND VOLTAGE: 500 VDC
12. DEGREE OF PROTECTION: IP67
13. TEMPERATURE RANGE: -40°C TO +90°C
14. MATING CYCLES: 100 INSERTIONS

SS-12400-001

PART NUMBER

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS: METRIC

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±0.13 ANGLES ARE ± 1°

SHEET NO. 1 OF 1

stewart CONNECTOR a bel group
11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512
http://www.stewartconnector.com

TITLE: Field Terminated Plug with IDCs, M12 X-Code, Male

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DRN. BY:	JMM	DATE	09/16/19
APPD. BY:	ADB	DATE	09/17/19
DWG NO.	CT120013	REV.	A1

RoHS

AutoCAD A1 Metric