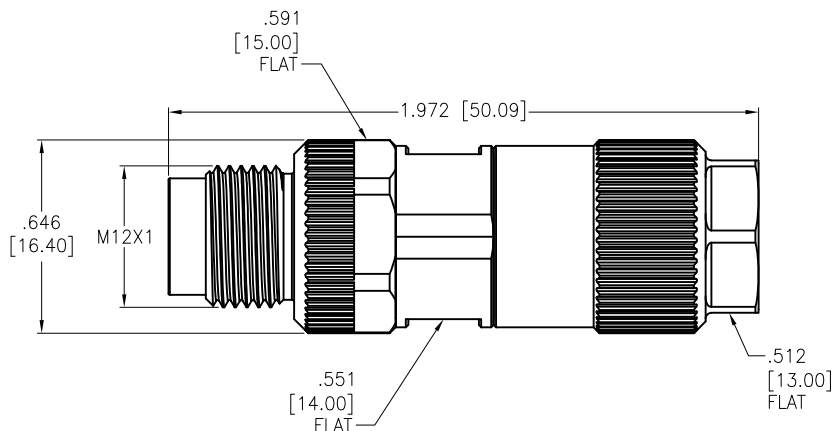
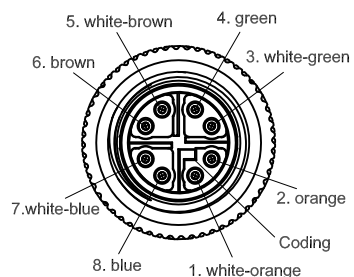


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/9/18	
A		UPDATED SPEC.	03/18/19	TW/CK
B		UPDATED SPEC.	2/11/20	SS



SPECIFICATIONS:

Material:

Insulator: PA66/POM, Glass reinforced

Insulator color: Black

Contacts: Phosphor Bronze

Shell: Brass & Zinc Alloy & Phosphor Bronze

Sealing: NBR

Plating:

10u" Gold over Nickel underplate on contact area,

Tin over Nickel underplate on IDC area

Electrical:

Operating voltage: 48 V per Contact

Current rating: 0.5 A per Contact

Contact resistance: 5 mohms max

Insulation resistance: 100 Mohms min @ 500 VDC

Dielectric withstanding voltage: 500 VAC for 1 minute

Mechanical:

Cable diameter: $\phi 6.8 \sim \phi 9.0 \text{mm}$

Temperature Rating:

-40C to +90°C

Waterproof Rating:

IP67

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES HOLES .X ± .10 ØX ±.10 .XX ± .020 Ø.XX ±.015 .XXX ± .015 Ø.XXX ±.010		ADAM TECH INTERCONNECTS		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
APPROVALS		DATE		TITLE WATERPROOF CONNECTOR, 8 PIN, M12 X-CODE, MALE, IDC TYPE, IP67	
DRAWN	HR	3/9/18			
CHECKED	DH	3/9/18			
APPROVED				SIZE	
		PART NO.		REV.	
		X		SD-MMX08-MMTDL-IX0-000	
		REF: S00013T		SCALE: NTS	
				SHEET 1 OF 1	