Style M12 Plug 4 pin A-coding

Ratings Voltage: 250 V Current: 4 A

Operating Temperature Range $-40 \sim 105\,^{\circ}\text{C}$

Materials

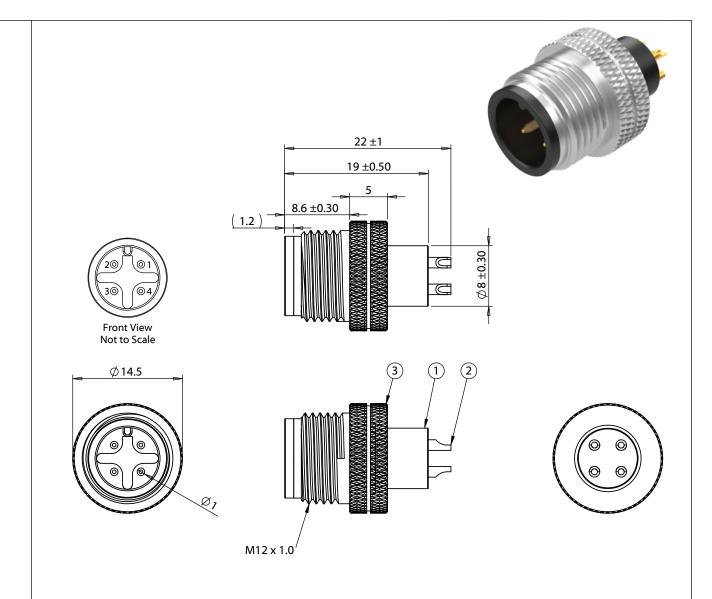
(1) Insulator: Polyamide 66 (PA66), UL94 HB, black
 (2) Pin: C3604 brass, gold plated
 (3) Shell: C3604 brass, nickel plated

Electrical Requirements
Dielectric strength: 1 min @ 500 Vac Insulation resistance: $100 \, M\Omega$ @ 500 Vdc Contact resistance: $10 \, m\Omega$ or less

Mechanical RequirementsLife cycle: 500 mating cycles minimum

Environmental Requirements
Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 48 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 m Ω . Waterproof: IP67

Assembly Info Wire gauge: 22 AWG max



Revision:	Date:	Description:	Prepared:	Notes:					
Α	8/4/2020	Initial release		RoHS compliant		F	NSIL	ITY	
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com				
				Connector, 4 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67	Size:				
					Scale:	2:1		Sheet 1 of 1	

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