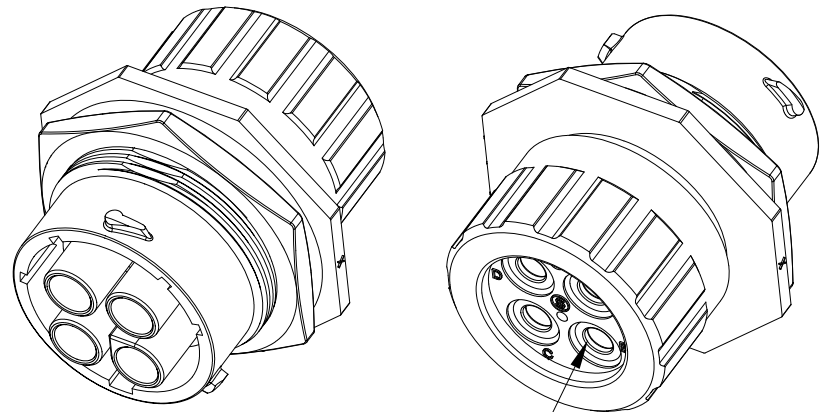




SEALING PLUGS CAN BE
PURCHASED SEPARATELY

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

SHELL: THERMOPLASTIC, UL94 V-0.
INSERT: THERMOPLASTIC, UL94 V-0.
O-RING: NBR OR SILICONE RUBBER.
SEAL GASKET: NBR OR SILICONE RUBBER.
END CAP: THERMOPLASTIC, UL94 V-0.
PLASTIC RING: THERMOPLASTIC, UL94 V-0.
WIRE SEAL: SILICONE RUBBER.
JAM NUT: ALUMINIUM ALLOY.

2. SPECIFICATIONS:

- 2.1 RATED CURRENT: 56A (MAX).
2.2 RATED VOLTAGE: 600V AC / 800V DC.
2.3 OPERATING TEMPERATURE: SEE TABLE.
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN
2 MILLIAMPS CURRENT LEAKAGE@2500 VOLTS AC.
2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
2.6 IP-CLASS: IP67 AND IP69K IN THE MATED CONDITION,
WIRE SEALS FULLY POPULATED.
2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
2.8 RoHS COMPLIANT.

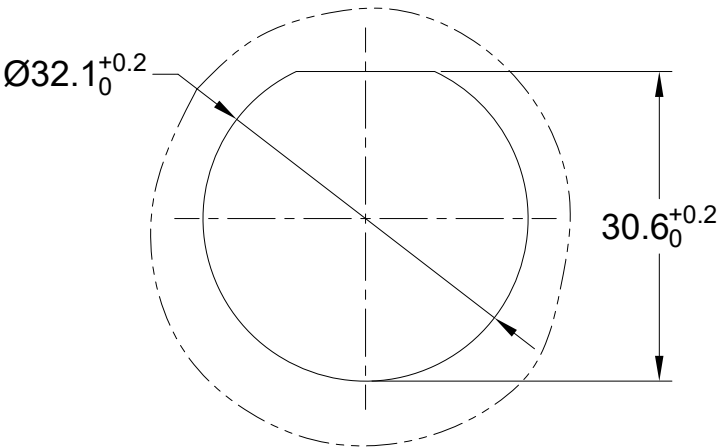
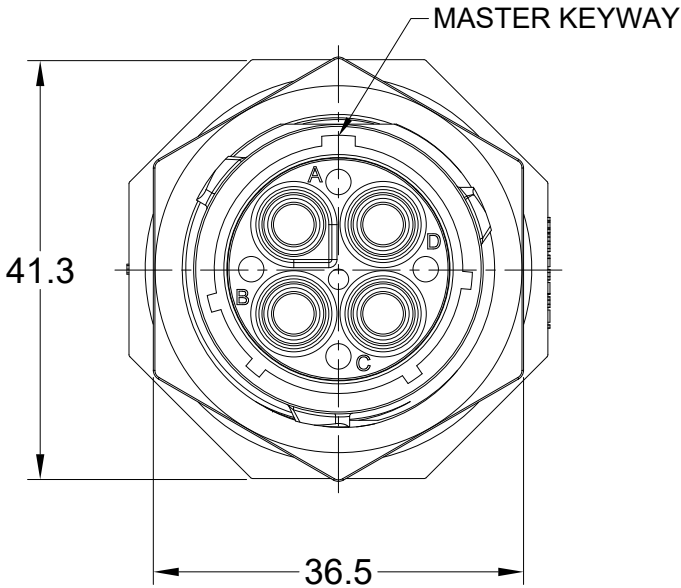
3. SUITABLE CONTACTS : MS10A25x-xx.

("x"= DENOTE DIFFERENT PLATING;"xx"=ALL MODIFICATIONS).

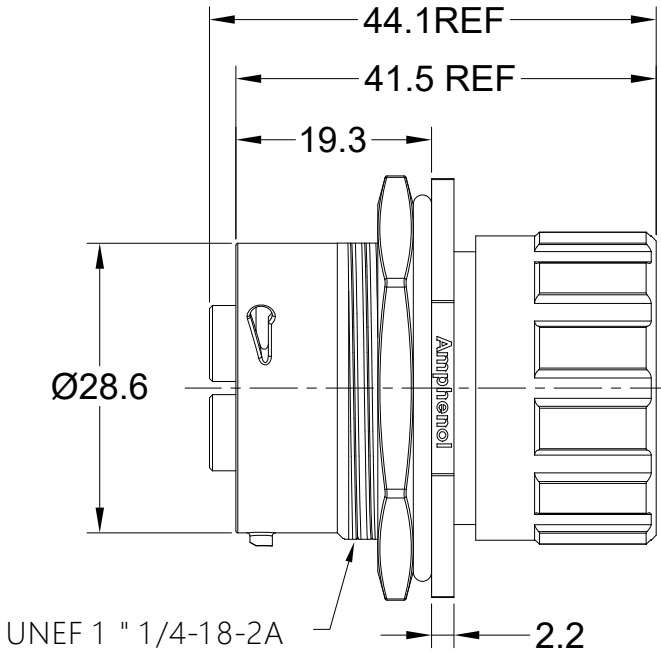
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSULATION O.D.	MAX. INSULATION O.D.	SMALL.WIRE RANGE
8#	Ø5.2mm	Ø6.8mm	8AWG



PANEL CUT OUT REFERENCE



KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS718N4SHEC	RTS718N4SHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: RONALD	
1 PL DEC ±0.30		AUG-25-2023	
2 PL DEC ±0.15		CHECKED: JOE	
3 PL DEC ±0.08		AUG-29-2023	
3) Note reference =		ENGINEER:	
		APPROVAL: TOMMY	
		AUG-31-2023	
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR	
NEXT ASSY:		INFORMATION ONLY. DESIGN FEATURES,	
		SPECIFICATIONS AND PERFORMANCE DATA	
		SHOWN HEREON ARE THE PROPERTY OF	
		THE AMPHENOL CORPORATION. NO RIGHTS	
		OF REPRODUCTION ARE IMPLIED. ALL	
		DIMENSIONS ARE SUBJECT TO NORMAL	
		MANUFACTURING VARIATIONS.	
		Amphenol	
		Sine Systems - www.amphenol-sine.com	
		44724 Morley Drive	
		Clinton Township, MI 48036	
		EcoMate Aquarius, RECEPTACLE, SIZE 18, 4 POS,	
		JAM NUT, SOCKET, END CAP	
		SIZE TYPE DWG NO. REVISION	
		B C- RTS718*4SHECxx A1	
		SCALE: NONE SHEET 1 OF 1	

ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm Options (1802 & 1804 Insert Arrangements)

Machined, Crimp Contacts					
Part Number		Contact Size (AWG)	Wire Range (mm²)	For Use w End Cap	Plating
Male	Female				
MP10A25S-8	MS10A25S-8	8AWG	10.0 mm²	No	Silver
MP10A25F-8	MS10A25F-8	8AWG	10.0 mm²	No	Gold Flash

Machined, Tooling	
Part Number	Description
QXRT08L	Contact Extraction Tool, # 8 (Ø 3.6mm) Contact
M300BT	Hand Crimper
WA27-3009-2C	Pneumatic Crimper
UH2-5	Locator M3200BT and WA27-309-2C