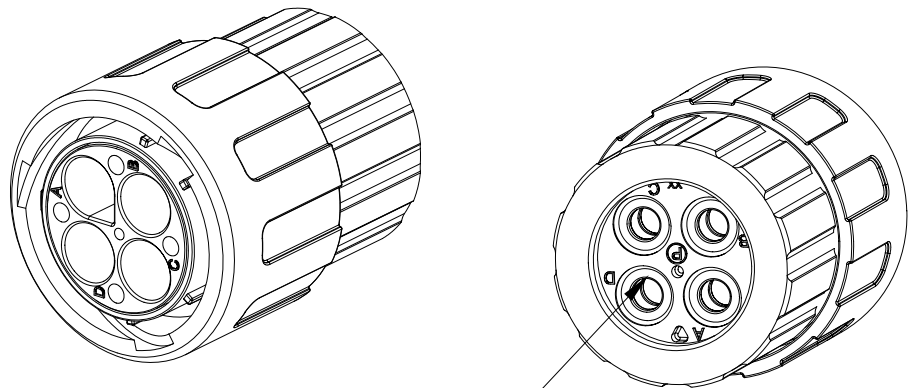


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	FIRST RELEASED	AUG-25-2023	RONALD	TOMMY



SEALING PLUGS CAN BE
PURCHASED SEPARATELY

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

- SHELL: THERMOPLASTIC, UL94 V-0.
- INSERT: THERMOPLASTIC, UL94 V-0.
- COUPLING NUT: THERMOPLASTIC, UL94 V-0.
- O-RING: NBR OR SILICONE RUBBER.
- WASHER: SILICONE RUBBER.
- END CAP: THERMOPLASTIC, UL94 V-0.
- PLASTIC RING: THERMOPLASTIC, UL94 V-0.
- WIRE SEAL: SILICONE RUBBER.

2. SPECIFICATIONS:

- 2.1, RATED CURRENT: 56A (MAX)
- 2.2, RATED VOLTAGE: 600VAC / 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.

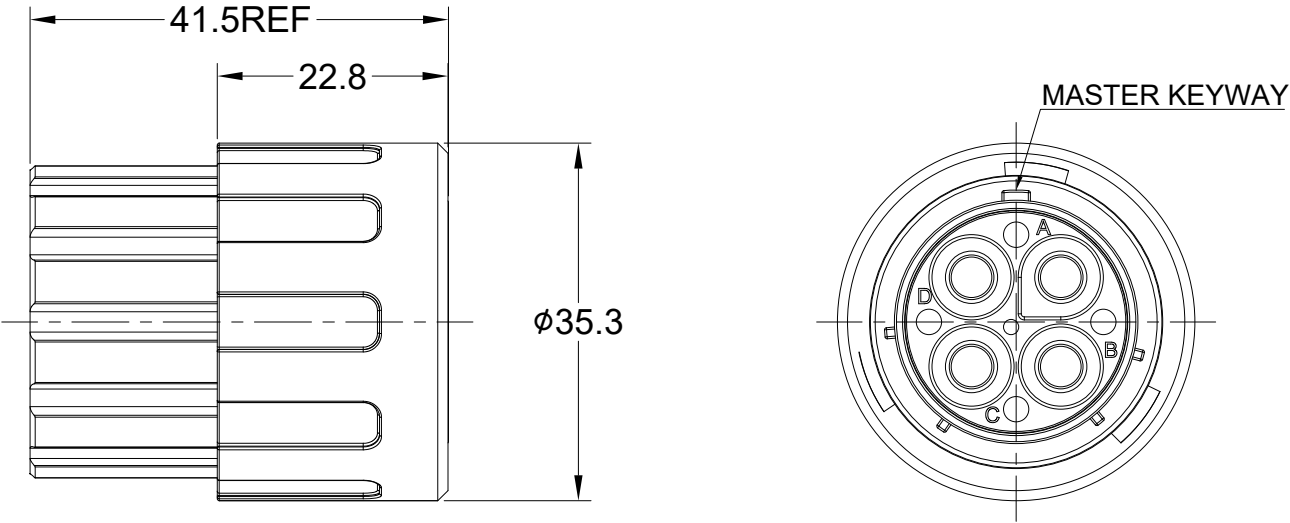
3. SUITABLE CONTACTS : MP10A25x-xx.

("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



KEY	PART NUMBER	
	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS6BS18N4PHEC	RTS6BS18N4PHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM	
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = 		SIGNATURES DRAWN: RONALD CHECKED: JOE ENGINEER: APPROVAL: TOMMY CUSTOMER: THIS DRAWING IS SUPPLIED FOR 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.	DATE AUG-25-2023 AUG-28-2023 AUG-31-2023	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		EcoMate Aquarius,PLUG,SIZE 18, 4 POS,PIN,END CAP		
PROCESS SPECIFICATIONS:		SIZE B	TYPE C-	
NEXT ASS'Y:		DWG NO: RTS6BS18*4PHECxx	REVISION A1	
		SCALE: NONE	SHEET 1 OF 1	

TITLE: EcoMate Aquarius, PLUG, SIZE 18, 4 POS, PIN, END CAP
DWG NO: RTS6BS18*4PHECxx
REV: A1
SH: 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