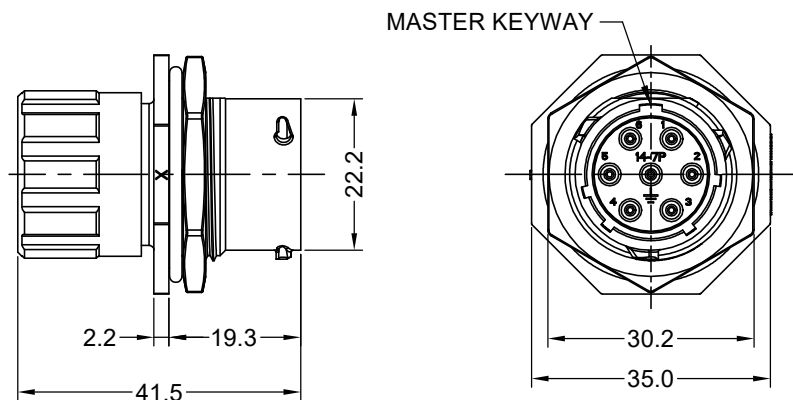




REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	JAN-24-2024	JUN	TOMMY

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.

2. SPECIFICATIONS:

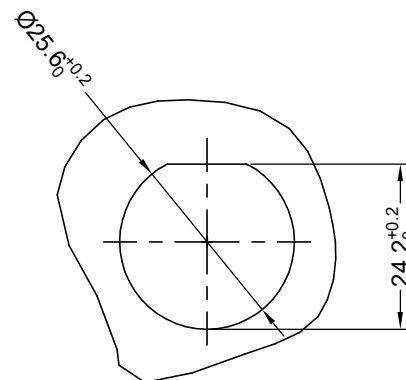
- 2.1 RATED CURRENT: 13 A (MAX).
2.2 RATED VOLTAGE: 500V(AC/DC).
2.3, OPERATING TEMPERATURE: SEE TABLE.
2.4, DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN
2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
2.5, INSULATION RESISTANCE: 5000 MEGOHMS MIN.
2.6, IP-CLASS: IP67 AND IP69K IN THE MATED CONDITION,
WIRE SEALS FULLY POPULATED.
2.7, MATING CYCLES DURABILITY: 500 CYCLES MIN.
2.8, RoHS COMPLIANT.

3. SUITABLE CONTACTS : 16# CONTACT.

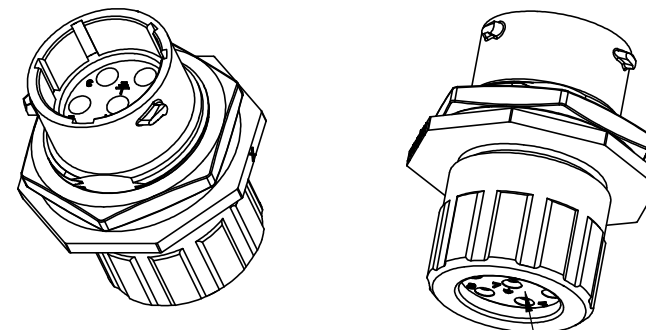
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

Contact Size	Insulation Overall Diameter(min-max)	Wire Range
16#	Ø1.2mm - Ø2.1mm	14 - 24AWG



PANEL CUT OUT REFERENCE



SEALING PLUGS CAN BE
PURCHASED SEPARATELY

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS714N7PHECR	RTS714N7PHEC03R

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 3) Note reference =		SIGNATURES DRAWN: JUN CHECKED: JOE ENGINEER: APPROVAL: TOMMY CUSTOMER:	DATE JAN-24-2024 JAN-26-2024 JAN-30-2024
PROCESS SPECIFICATIONS:		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.	
NEXT ASSY:		SCALE: NONE	
SIZE B		TYPE C-	REVISION A1
SIZE 14, 7 POS, PIN, REDUCED WIRE SEALS		DWG NO. RTS714*7PHECxxR	SHEET 1 OF 1
DESCRIPTION EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 14, 7 POS, PIN, REDUCED WIRE SEALS		DATE JAN-24-2024	

TITLE: EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 14, 7 POS, PIN, REDUCED WIRE SEALS
DWG NO.: RTS714*7PHECxxR
REV: A1
SH: 1
OF: 1