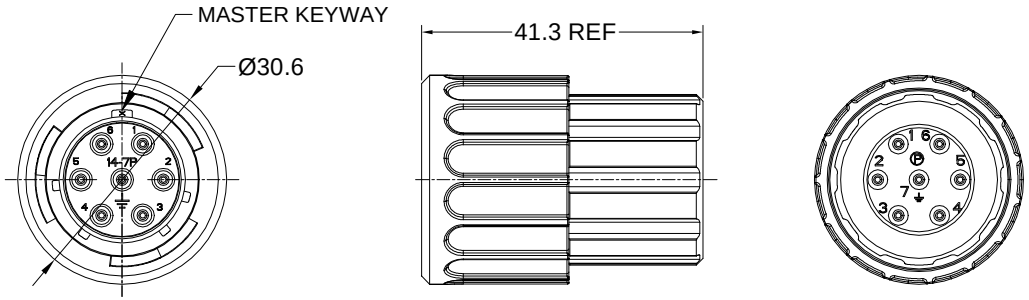
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	JAN-24-2024	JUN	TOMMY



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: 13A (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

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS14N7PHECR	RTS6BS14N7PHEC03R

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	JUN	JAN-24-2024
CHECKED:	JOE	JAN-26-2024
ENGINEER:		
APPROVAL:	TOMMY	JAN-30-2024
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

EcoMate Aquarius, PLUG,END CAP,
SIZE 14, 7 POS, PIN,REDUCED WIRE SEALS

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS14N7PHECxxR	A1

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius, PLUG,END CAP,SIZE 14, 7 POS, PIN,REDUCED WIRE SEALS
DWG NO: RTS6BS14N7PHECxxR
REV: A1
SH: 1
OF 1