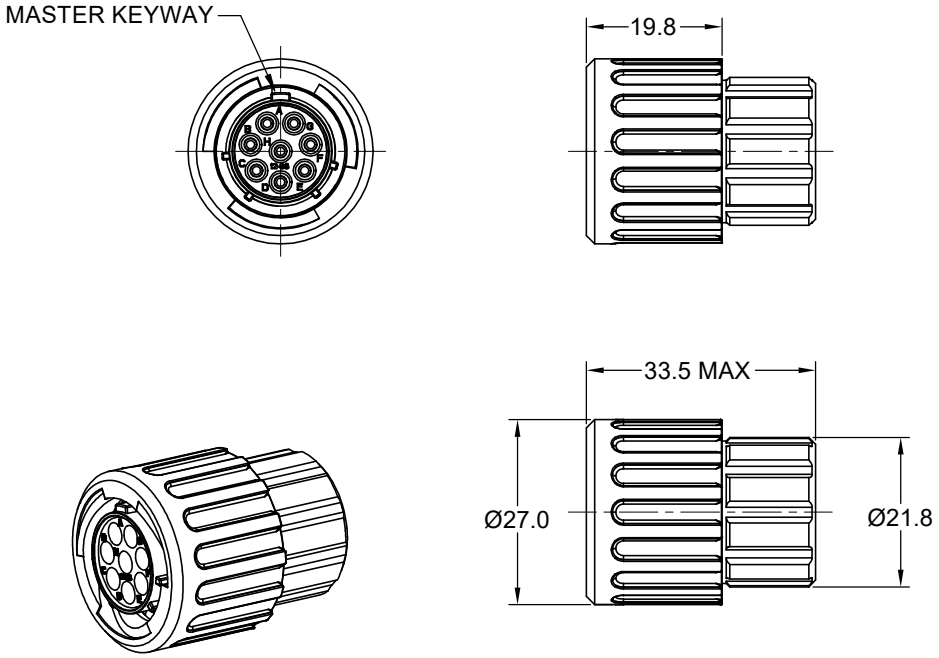
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	FIRST RELEASED	JAN-8-2024	JUN	TOMMY



KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS12N8SHECR	RTS6BS12N8SHEC03R

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# CONTACTS.
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#	ϕ1.2mm - ϕ2.1mm	14 - 24AWG

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-8-2024
CHECKED:	JOE	JAN-10-2024
ENGINEER:		
APPROVAL:	TOMMY	Oct-12-2020
CUSTOMER:		

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Amphenol

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

EcoMate Aquarius,PLUG,END CAP,
8POS,SOCKET CONTACT,SIZE 12,REDUCED WIRE SEALS

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS12*8SHECxxR	A1

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius,PLUG,END CAP,8POS,SOCKET CONTACT,SIZE 12,REDUCED WIRE SEALS
DWG NO: RTS6BS12*8SHECxxR
REV: A1
SH: 1
OF: 1