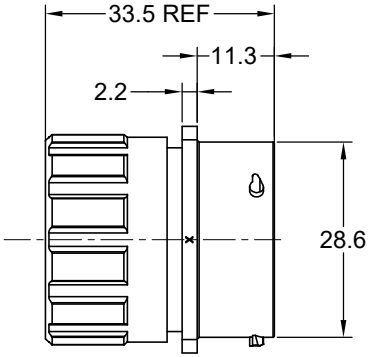
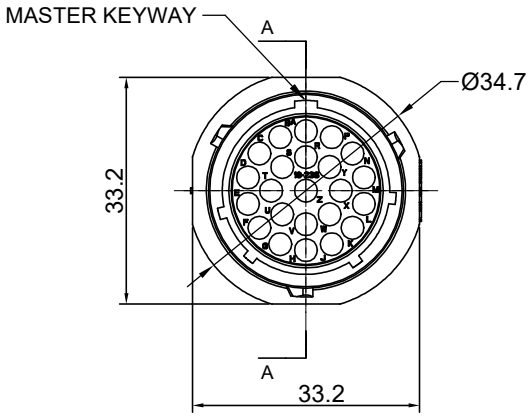
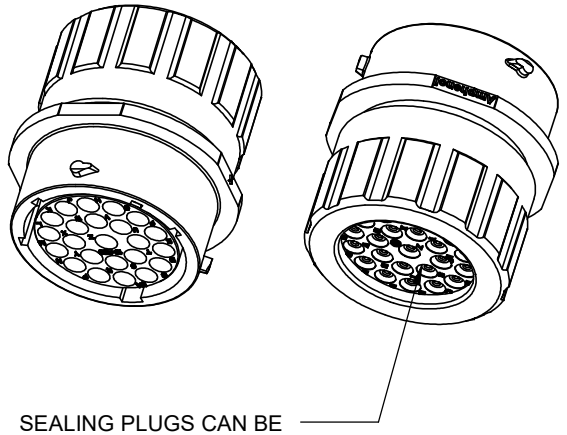
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	FEB-21-2024	JUN	TOMMY







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: 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.

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	Ø1.2mm	Ø2.1mm	14 - 24AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS18N23SHECR	RTS1BS18N23SHEC03R

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 ASSY:

SIGNATURES		DATE
DRAWN:	JUN	FEB-21-2024
CHECKED:	JOE	FEB-21-2024
ENGINEER:		
APPROVAL:	TOMMY	FEB-22-2024
CUSTOMER:		

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Amphenol

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

EcoMate Aquarius,RECEPTACLE,IN-LINE,
SIZE 18, 23POS,SOCKET,END CAP,REDUCED WIRE SEALS.

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS1BS18*23SHECxxR	A1

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius, RECEPTACLE,IN-LINE, SIZE 18,23 POS,SOCKET,END CAP,REDUCED WIRE SEALS.
DWG NO: RTS1BS18*23SHECxxR
REV: A1
SH: 1
OF: 1