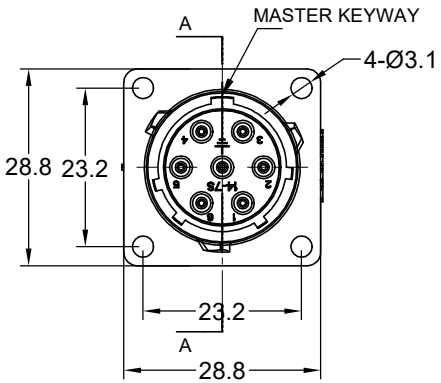
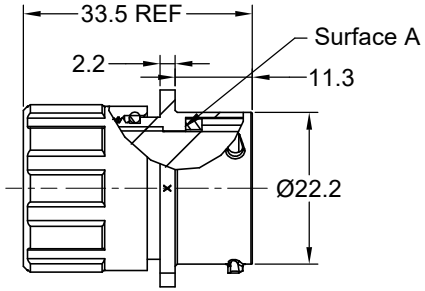
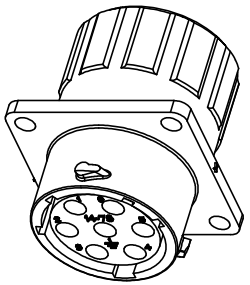
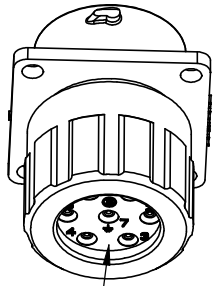
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	JAN-18-2024	JUN	TOMMY





SECTION A-A

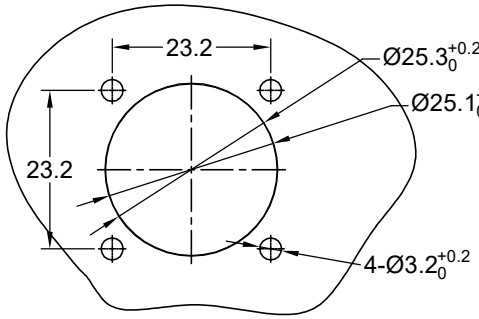




SEALING PLUGS CAN BE
PURCHASED SEPARATELY

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.
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

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS014N7SHECR	RTS014N7SHEC03R

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	JAN-18-2024
CHECKED:	JOE	JAN-22-2024
ENGINEER:		
APPROVAL:	TOMMY	JAN-24-2024
CUSTOMER:		

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

EcoMate Aquarius,RECEPTACLE, END CAP,
FLANGE, SIZE 14, 7 POS, SOCKET,REDUCED WIRE SEALS

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS014*7SHECxxR	A1

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius,RECEPTACLE, END CAP,FLANGE, SIZE 14, 7 POS, SOCKET,REDUCED WIRE SEALS
DWG NO: RTS014*7SHECxxR
REV: A1
SH: 1
OF: 1