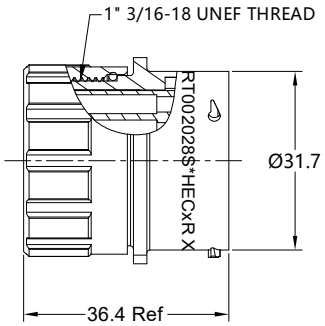
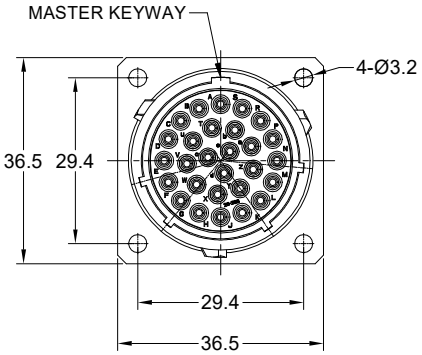
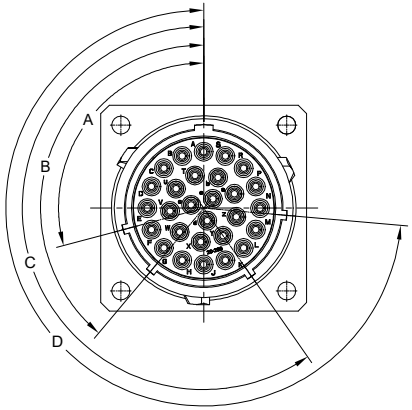
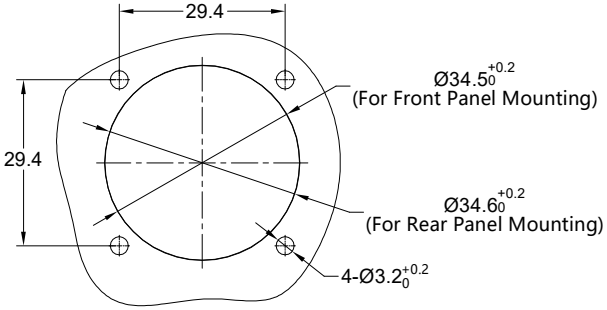
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	MAR-26-19	BLINK	TOMMY
A2	-	UPDATE DESCRIPTION AND ADD KEY ICON	OCT-12-2020	BLINK	TOMMY
A3	-	UPDATE RATED CURRENT	MAY-3-2023	JUN	TOMMY







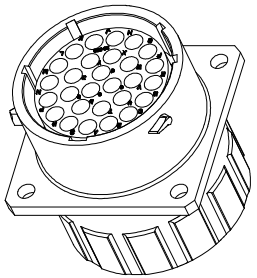


PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT002028SNHECR	RT002028SNHEC03R	105°	140°	215°	265°
W	RT002028SWHECR	RT002028SWHEC03R	79°	140°	215°	265°
X	RT002028SXHECR	RT002028SXHEC03R	105°	126°	215°	265°
Y	RT002028SYHECR	RT002028SYHEC03R	105°	140°	215°	259°
Z	RT002028SZHECR	RT002028SZHEC03R	105°	140°	215°	330°

NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL:
 SHELL: ZINC ALLOY, NICKEL PLATED.
 INSERT: THERMOPLASTIC, UL94 V-0.
 END CAP: THERMOPLASTIC, UL94 V-0.
 PLASTIC BUSHING: THERMOPLASTIC, UL94 V-0.
 SEAL GASKET: NBR/SILICONE RUBBER.
 O-RING: NBR/SILICONE RUBBER.
 WIRE SEAL: SILICONE RUBBER.
2. SPECIFICATIONS:
 2.1 RATED CURRENT: 3A (MAX).
 2.2 RATED VOLTAGE: 500V (AC/DC).
 2.3 OPERATING TEMPERATURE: SEE CHART.
 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.
 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#	ø1.2mm - ø2.1mm	14 - 24AWG



	SEE PART NUMBER CHART		
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	MAY-3-2023
CHECKED:	JOE	MAY-5-2023
ENGINEER:		
APPROVAL:	TOMMY	MAY-8-2023
CUSTOMER:		

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Amphenol

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

ECO-MATE RM,RECEPTACLE, SIZE 20,
28POS,SOCKET,END CAP,REDUCED WIRE SEALS

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT002028S*HECxR	A3

SCALE: NONE SHEET 1 OF 1

TITLE: ECO-MATE RM,RECEPTACLE,SIZE 20,28POS,SOCKET,END CAP,REDUCED WIRE SEALS
DWG NO: RT002028S*HECxR
REV: A3
SH: 1
OF: 1