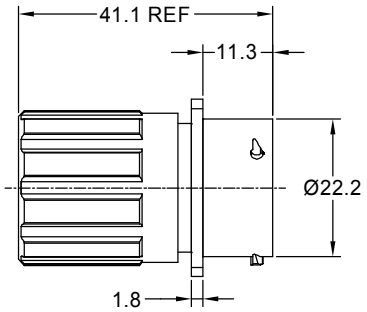
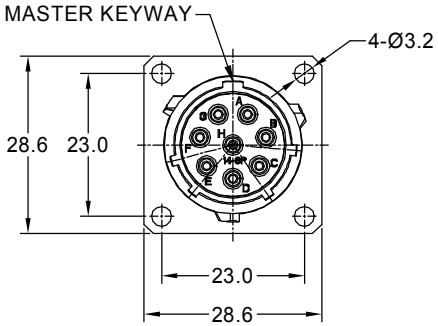
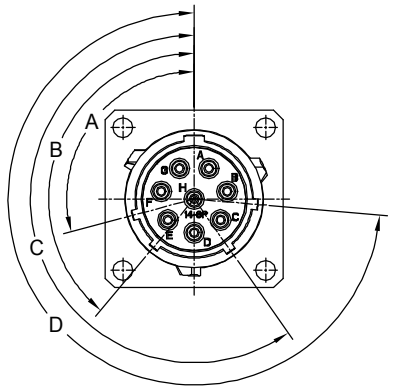
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	Nov-23-2014	Ben	Tommy
B2	-	VOLTAGE UPDATE AND ADD KEY ICON	Nov-23-2020	Ronald	Tommy



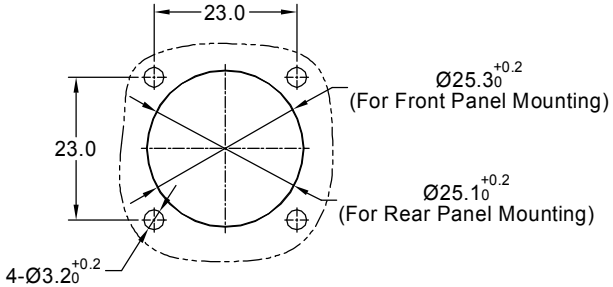




NOTES : (UNLESS OTHERWISE SPECIFIED)

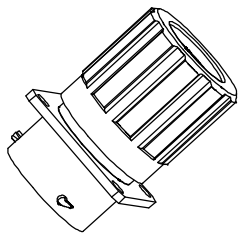
1. MATERIAL :
   - SHELL : ZINC ALLOY , NICKEL PLATED.
   - INSERT : THERMOPLASTIC , UL94 V-0.
   - END CAP : THERMOPLASTIC , UL94 V-0.
   - PLASTIC BUSHING : THERMOPLASTIC , UL94 V-0.
   - SEAL GASKET : NBR/SILICONE RUBBER.
   - O-RING : NBR/SILICONE RUBBER.
   - WIRE SEAL : SILICONE RUBBER.
2. SPECIFICATIONS :
   - 2.1 RATED CURRENT : 13A (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 (MATED CONDITION).
   - 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	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	Ø2.0mm	Ø3.2mm	14 - 24AWG



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT00148PNHEC	RT00148PNHEC03	105°	140°	215°	265°
W	RT00148PWHEC	RT00148PWHEC03	60°	140°	215°	265°
X	RT00148PXHEC	RT00148PXHEC03	105°	160°	215°	265°
Y	RT00148PYHEC	RT00148PYHEC03	105°	140°	225°	265°
Z	RT00148PZHEC	RT00148PZHEC03	105°	140°	215°	295°



	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 ASSY:

SIGNATURES		DATE
DRAWN:	Ronald	Nov-23-20
CHECKED:	Flan	Nov-24-20
ENGINEER:		
APPROVAL:	Tommy	Nov-25-20
CUSTOMER:		

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Amphenol

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

ECOMATE RM,RECEPTACLE,
SIZE 14,8POS,PIN,END CAP.

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT00148P*HECx	B2

SCALE: NONE SHEET 1 OF 1

TITLE: ECOMATE RM,RECEPTACLE,SIZE 14,8POS,PIN,END CAP.
DWG NO: RT00148P*HECx
REV: B2
SH: 1
OF: 1