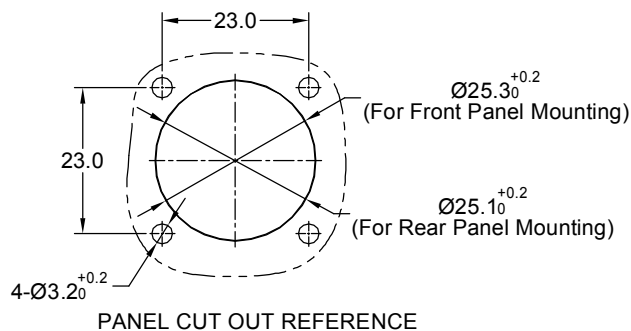
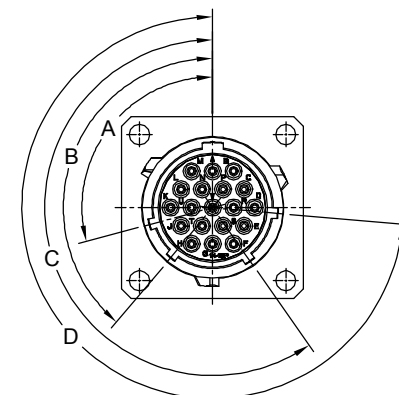
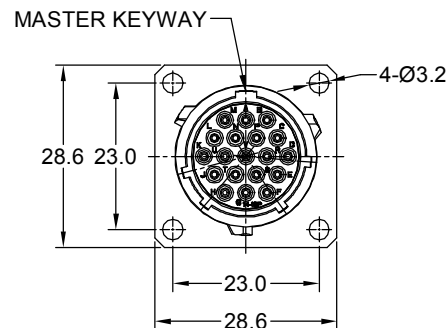
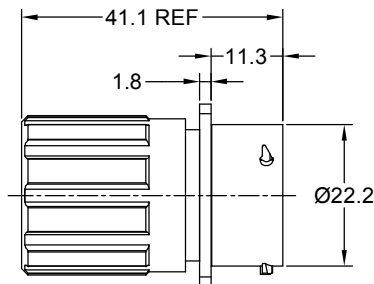


NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : ZINC ALLOY , NICKEL PLATED.
 INSERT : THERMOPLASTIC , UL94 V-0.
 END CAP : THERMOPLASTIC , UL94 V-0.
 SEAL GASKET : NBR/SILICONE RUBBER.
 O-RING : NBR/SILICONE RUBBER.
 WIRE SEAL : SILICONE RUBBER.
 PLASTIC BUSHING : THERMOPLASTIC , UL94 V-0.

2. SPECIFICATIONS :

2.1 RATED CURRENT :

2.1.1 STAMPED CONTACT 5A (MAX).

2.1.2 MACHINED CONTACT 7.5A(MAX).

2.2 RATED VOLTAGE : 250V (AC/DC) .

2.3 OPERATING TEMPERATURE : SEE CHART.

2.4 DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN
 2 MILLIAMPS CURRENT LEAKAGE@1500 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 : 20# 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
20#	Ø1.4mm	Ø2.1mm	20-30 AWG

REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	July-04-2014	Ben	Tommy
B2	-	MODIFY THE INSERT LETTER LOCATION	May-20-2016	Ben	Tommy
B3	-	ADAPT TO CHANGE OF WIRE DIAMETER	Jan-7-2020	Ronald	Tommy
B4	-	VOLTAGE UPDATE AND ADD KEY ICON	Jan-06-2021	Ronald	Tommy

KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT0W01419PNHEC	RT0W01419PNHEC03	105°	140°	215°	265°
W	RT0W01419PWHEC	RT0W01419PWHEC03	60°	140°	215°	265°
X	RT0W01419PXHEC	RT0W01419PXHEC03	105°	160°	215°	265°
Y	RT0W01419PYHEC	RT0W01419PYHEC03	105°	140°	225°	265°
Z	RT0W01419PZHEC	RT0W01419PZHEC03	105°	140°	215°	295°

SEE PART NUMBER CHART			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: Ronald Jan-8-2021	
1 PL DEC ±0.30		CHECKED: Ron Jan-7-2021	
2 PL DEC ±0.15		ENGINEER:	
3 PL DEC ±0.08		APPROVAL: Tommy Jan-8-2021	
3) Note reference =		CUSTOMER:	
MATERIAL SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
PROCESS SPECIFICATIONS:		SIZE TYPE DWG NO:	
NEXT ASSY:		SCALE: NONE	
		SHEET 1 OF 1	