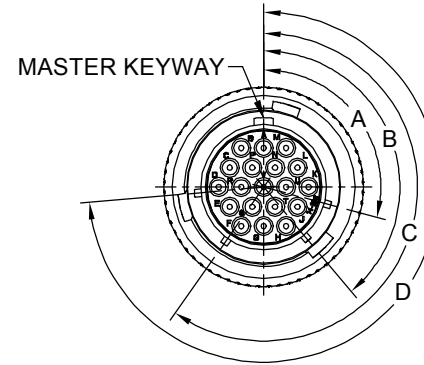
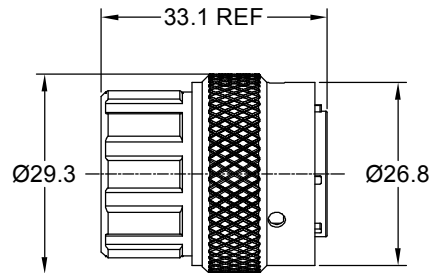


NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : ZINC ALLOY , NICKEL PLATED.
 INSERT : THERMOPLASTIC , UL94 V-0/CR.
 END CAP : THERMOPLASTIC , UL94 V-0.
 COUPLING NUT : AL ALLOY , NICKEL PLATED.
 WAVE WASHER : STAINLESS STEEL.
 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-08-2014	BEN	TOMMY
B2	-	ADAPT TO CHANGE OF WIRE DIAMETER	Jan-7-2020	Ronald	Tommy
B3	-	VOLTAGE UPDATE AND ADD KEY ICON	Jan-7-2021	Ronald	Tommy

KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT0W61419SNHEC	RT0W61419SNHEC03	105°	140°	215°	265°
W	RT0W61419SWHEC	RT0W61419SWHEC03	60°	140°	215°	265°
X	RT0W61419SXHEC	RT0W61419SXHEC03	105°	160°	215°	265°
Y	RT0W61419SYHEC	RT0W61419SYHEC03	105°	140°	225°	265°
Z	RT0W61419SZHEC	RT0W61419SZHEC03	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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DRAWN: <u>Ronald</u> Jan-7-21 CHECKED: <u>Ron</u> Jan-8-21 ENGINEER: APPROVAL: <u>Tommy</u> Jan-9-21 CUSTOMER:		
MATERIAL SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
PROCESS 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.		
NEXT ASSY:		SIZE B TYPE C- DWG NO: RT0W61419S*HEC REVISION B3 SCALE NONE SHEET 1 OF 1		

TITLE: ECOMATE RM, PLUG, SIZE 14,19 POS, SOCKET, END CAP. DWG NO: RT0W61419S*HECx REV: B3 SH: 1 OF: 1