



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JULY-04-2014	BEN	TOMMY
B2	-	ADAPT TO CHANGE OF WIRE DIAMETER	Dec-04-2019	Ronald	Tommy
B3	-	ADD KEY ICON	Dec-03-2020	Ronald	Tommy

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

- SHELL : ZINC ALLOY , NICKEL PLATED.
- INSERT : THERMOPLASTIC , UL94 V-0.
- END CAP : THERMOPLASTIC , UL94 V-0.
- 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	Insulation Overall Diameter(min-max)	Wire Range
20#	Ø1.4mm - Ø2.1mm	20 - 30AWG

KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT0W61210SNHEC	RT0W61210SNHEC03	105°	140°	215°	265°
W	RT0W61210SWHEC	RT0W61210SWHEC03	60°	140°	215°	265°
X	RT0W61210SXHEC	RT0W61210SXHEC03	105°	155°	215°	265°
Y	RT0W61210SYHEC	RT0W61210SYHEC03	105°	140°	225°	265°
Z	RT0W61210SZHEC	RT0W61210SZHEC03	105°	140°	215°	295°

QUANTITY	SEE PART NUMBER CHART	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
<b>UNLESS OTHERWISE SPECIFIED</b> 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) Note reference =		<b>SIGNATURES</b> <b>DATE</b> DRAWN: <b>Ronald</b> <b>Dec-03-2020</b> CHECKED: <b>Flan</b> <b>Dec-04-2020</b> ENGINEER: APPROVAL: <b>Tommy</b> <b>Dec-05-2020</b> CUSTOMER:	
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 ECOMATE RM, PLUG, SIZE 12, 10POS, SOCKET,END CAP.	
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SCALE: NONE		SHEET 1 OF 1	

TITLE: ECOMATE RM, PLUG, SIZE 12, 10POS, SOCKET,END CAP.    DWG NO: RT0W61210S\*HEC\*    REV: B3    SH: 1    OF: 1