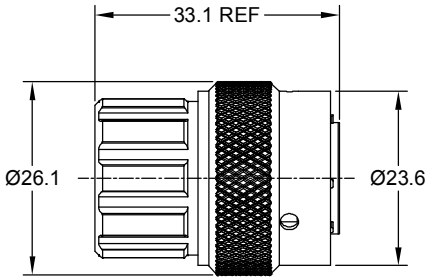
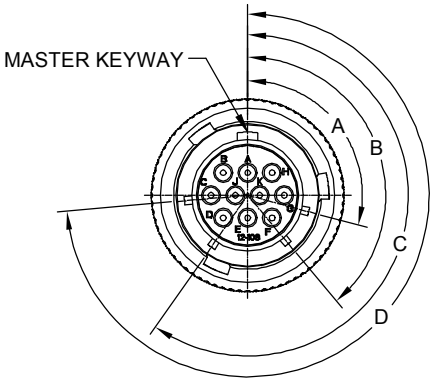
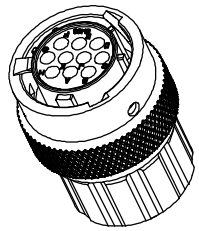
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JULY-04-2014	BEN	TOMMY
B2	-	ADAPT TO CHANGE OF WIRE DIAMETER	Dec-04-2019	Ronald	Tommy
B3	-	ADD KEY ICON	Dec-03-2020	Ronald	Tommy







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°

	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	Dec-03-2020
CHECKED:	Flan	Dec-04-2020
ENGINEER:		
APPROVAL:	Tommy	Dec-05-2020
CUSTOMER:		

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Amphenol

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

ECOMATE RM, PLUG,
SIZE 12, 10POS, SOCKET,END CAP.

SIZE B | TYPE C- | DWG NO: RT0W61210S*HEC* | REVISION B3

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