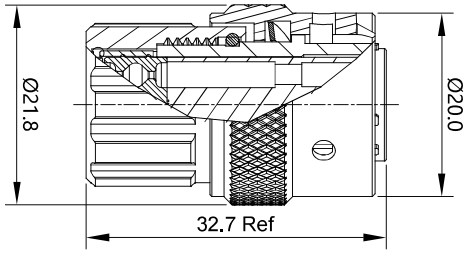
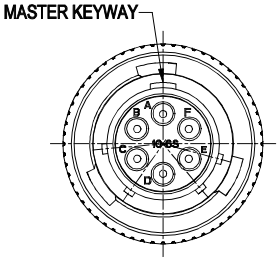
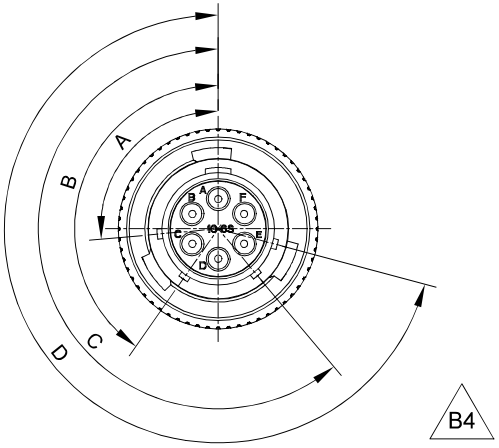
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	July-04-2014	Ben	Tommy
B2	-	MODIFY THE INSERT LETTER LOCATION	May-20-2016	Ben	Tommy
B3	-	ADAPT TO CHANGE OF WIRE DIAMETER	Dec-04-2019	Ronald	Tommy
B4	-	ADD KEY ICON	Feb-25-2021	Flan	Tommy



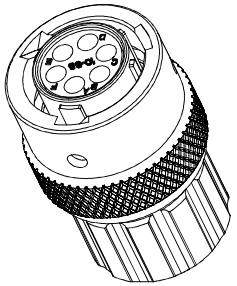




NOTES: (UNLESS OTHERWISE SPECIFIED)

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	MIN. INSUL O.D.	MAX. INSUL O.D.
20#	Ø1.4mm	Ø2.1mm



KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT0W6106SNHEC	RT0W6106SNHEC03	95°	145°	220°	255°
W	RT0W6106SWHEC	RT0W6106SWHEC03	95°	145°	220°	315°
X	RT0W6106SXHEC	RT0W6106SXHEC03	95°	145°	200°	255°
Y	RT0W6106SYHEC	RT0W6106SYHEC03	95°	135°	220°	255°
Z	RT0W6106SZHEC	RT0W6106SZHEC03	65°	145°	220°	255°

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:	Flan	Feb-25-21
CHECKED:	Blink	Feb-26-21
ENGINEER:		
APPROVAL:	Tommy	Feb-26-21
CUSTOMER:		

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Amphenol

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

EcoMate RM, PLUG,
SIZE 10, 6POS,SOCKET,END CAP.

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT0W6106S*HEC*	B4

SCALE: NONE SHEET 1 OF 1

TITLE: ECOMATE, PLUG, SIZE 10, 6POS,SOCKET,END CAP.
DWG NO: RT0W6106S*HEC*
REV: B4
SH: 1
OF: 1