



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	Nov-23-2014	Ben	Tommy
B2	-	Modify P/N	Jul-15-2015	Ben	Tommy
B3	-	MODIFY THE INSERT LETTER LOCATION	May-20-2016	Ben	Tommy

NOTES : (UNLESS OTHERWISE SPECIFIED)

- 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.
- SPECIFICATIONS :
2.1 RATED CURRENT : 13A (MAX).
2.2 RATED VOLTAGE : 300V (AC/DC).
2.3 OPERATING TEMPERATURE : SEE CHART.
2.4 DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
2.5 INSULATION RESISTANCE : 5000 MEGOHMS MIN.
2.6 IP--CLASS : IP67.
2.7 MATING CYCLES DURABILITY : 500 CYCLES(MIN).
2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 16# CONTACTS.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACT SIZE AND REAR SEAL WIRE RANGE :

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	φ2.0mm	φ3.2mm	14 - 24AWG

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT061619SNHEC	RT061619SNHEC03
W	RT061619SWHEC	RT061619SWHEC03
X	RT061619SXHEC	RT061619SXHEC03
Y	RT061619SYHEC	RT061619SYHEC03
Z	RT061619SZHEC	RT061619SZHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm).	2) Tolerances are as follows:	DRAWN	Ben	10/10/16	
1 PL DEC 20-00	Fractions ±1/64	CHECKED			
3 PL DEC 20-08	Angles ±1°	ENGINEER			
3) Hole reference =		APPROVAL:			
MATERIAL SPECIFICATIONS:		CUSTOMER:		ECO-MATE PLUG SIZE 16 19POS. SOCKET, END CAP.	

PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES SHOWN HEREON ARE THE PROPERTY OF SINE SYSTEMS. NO RIGHTS OR DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NEXT ASSTY:		SIZE	TYPE
		B	C-
		SCALE	NONE
			RT061619S*HEC*
			B3

Amphenol

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