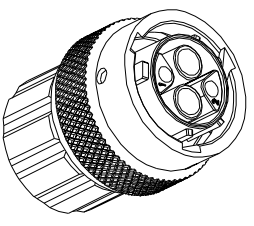
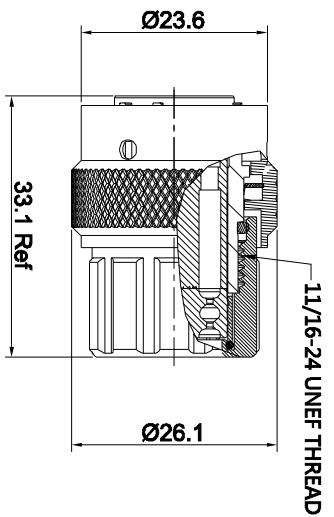
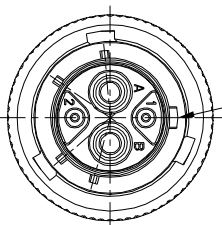


REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY APPR
B1	-	RELEASED DRAWING	JUN-28-2014	BEN TOMMY



NOTES : (UNLESS OTHERWISE SPECIFIED)

- MATERIAL :  
SHELL : ZINC ALLOY , NICKEL PLATED.  
INSERT : THERMOPLASTIC , UI94 V-0.  
END CAP : THERMOPLASTIC , UI94 V-0.  
COUPLING NUT : AL ALLOY , NICKEL PLATED.  
WAVE WASHER : STAINLESS STEEL  
O-RING : NBR/SILICONE RUBBER  
WIRE SEAL : SILICONE RUBBER.  
PLASTIC BUSHING : THERMOPLASTIC , UI94 V-0.
- SPECIFICATIONS :  
2.1 RATED CURRENT :  
2.1.1 2.5mm CONTACT 23A (MAX).  
2.1.2 20# CONTACT 5A (MAX).  
2.2 RATED VOLTAGE : 350V (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 : 2.5mm & 20# 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
2.5mm	Ø3.3mm	Ø4.3mm	14 - 12AWG
20#	Ø1.6mm	Ø2.6mm	30 - 20AWG

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT06122SNHEC	RT06122SNHEC03
W	RT06122SMHEC	RT06122SMHEC03
X	RT06122SXHEC	RT06122SXHEC03
Y	RT06122SYHEC	RT06122SYHEC03
Z	RT06122SZHEC	RT06122SZHEC03

QUANTITY	SEE PART NUMBER CHART	PART NUMBER	DESCRIPTION	ITER
<b>MATERIALS LIST</b>				

UNLESS OTHERWISE SPECIFIED		
1) ALL DIMENSIONS ARE IN MILLIMETERS.	SIGNATURES	
2) Tolerances are as follows:	DATE	
1 Pk. DEC 20-29 Fractions as 1/16	BEN	JUN 28/14
3 Pk. DEC 20-29 Angles 1st	DESIGNED:	
3) Note reference =	ENGINEER:	
	APPROVAL:	
	CUSTOMER:	

PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR SPECIFICATIONS AND PERFORMANCE DATA. THE DRAWING IS NOT TO BE USED FOR REPRODUCTION AND ALL RIGHTS OF REPRODUCTION ARE RESERVED. ALL MANUFACTURING VARIATION	
NEXT ASST:		SIZE	TYPE
		B	C-
		SCALE	NONE
		DWG NO.	RT06122S*HEC*
		REVISION	B1
		SHEET	1 OF 1

**Amphenol**

Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)  
44724 Morley Drive  
Clinton Township, MI 48038

ECO-MATE PLUG,  
SIZE 12,2POS, SOCKET, END CAP.