

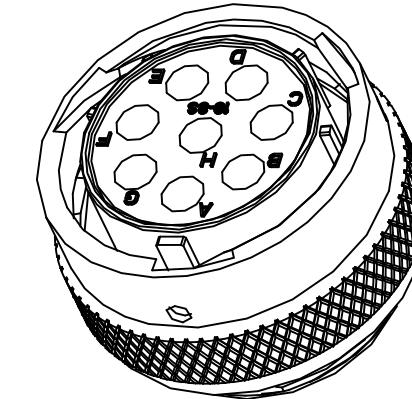
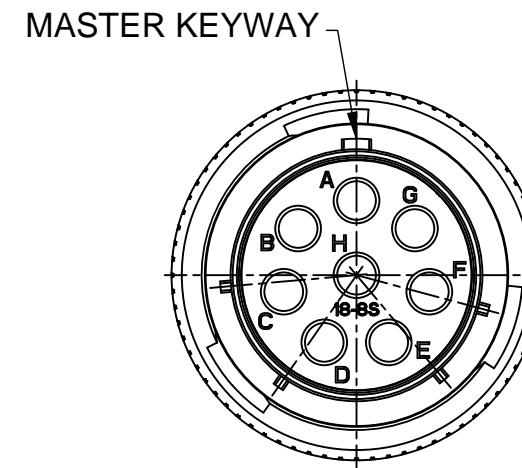
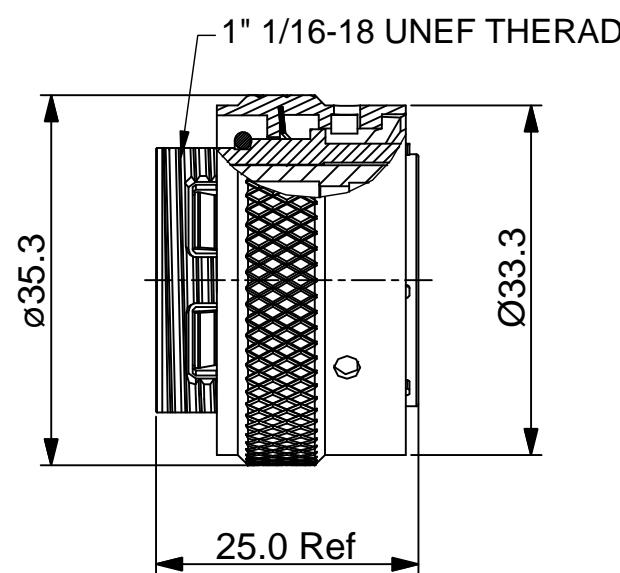
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JUN-28-2014	BEN	TOMMY

TITLE: ECO-MATE, PLUG,SIZE 18,8POS,SOCKET.

DWG NO:

RT06188S\*H

REV: B1 SH: 1 OF: 1



## NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :  
SHELL : ZINC ALLOY , NICKEL PLATED.  
INSERT : THERMOPLASTIC , UL94 V-0.  
COULPING NUT : AL ALLOY, NICKEL PLATED.  
WAVE WASHER : STAINLESS STEEL.  
O-RING : NBR.
  2. SPECIFICATIONS :  
2.1 RATED CURRENT : 23A (MAX).  
2.2 RATED VOLTAGE : 375V ( AC/DC ) .  
2.3 OPERATING TEMPERATURE : -40°C ~ +105°C.  
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.
  3. SUITABLE CONTACTS : 2.5mm CONTACTS.
  4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

KEY POS	PART NUMBER
N	RT06188SNH
W	RT06188SWH
X	RT06188SXH
Y	RT06188SYH
Z	RT06188SZH

SEE PART NUMBER CHART				
QUANTITY	PART NUMBER	DESCRIPTION		
<b>MATERIALS LIST</b>				
<b>UNLESS OTHERWISE SPECIFIED</b> 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC $\pm 0.30$ Fractions $\pm 1/64$ 2 PL DEC $\pm 0.15$ Angles $\pm 1^\circ$ 3 PL DEC $\pm 0.08$ 3) Note reference = 	SIGNATURES	DATE	 <b>Sine Systems - www.amphenol-sine.com</b> 44724 Morley Drive Clinton Township, MI 48036	
	DRAWN: BEN	JUN-28-2014		
	CHECKED:			
	ENGINEER:			
	APPROVAL:			
	CUSTOMER:			
<b>MATERIAL SPECIFICATIONS:</b>	<b>ECO-MATE, PLUG,</b> <b>SIZE 18,8POS,SOCKET.</b>			
	THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	SIZE	TYPE	DWG NO:
<b>PROCESS SPECIFICATIONS:</b>	<b>B</b>	<b>C-</b>	<b>RT06188S*H</b>	<b>B1</b>
<b>NEXT ASSY:</b>	SCALE:	<b>NONE</b>		<b>SHEET 1 OF 1</b>

**ecomate® RM/RSSM/Aquarius™ - Contact Size 12 Options**

Crimp Contacts, Machined				
Part Number		AWG	Wire Range (mm <sup>2</sup> )	Plating
Male	Female			
N/A				

Crimp Contacts, Stamped & Formed				
Part Number		AWG	Wire Range (mm <sup>2</sup> )	Plating
Male	Female			
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin

Tooling, Machined	
Part Number	Description
N/A	N/A
N/A	N/A

Tooling, Stamped & Formed	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm Contact
MFX-3962	Hand Tool, Stamped & Formed Contact, 2.5mm Contact

Plating Options, All	
Symbol	Plating
N/A	N/A

Misc Tooling, All	
Part Number	Description
CA-4012-59	Sealing Plug, Size 12

Standard Quantity Order Options	
Machined	Stamped & Formed
N/A	Reel, 1000 Pieces

# Mouser Electronics

Authorized Distributor

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