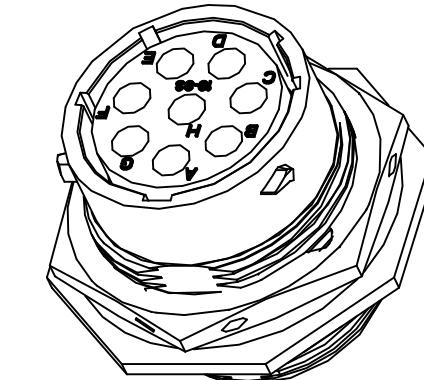
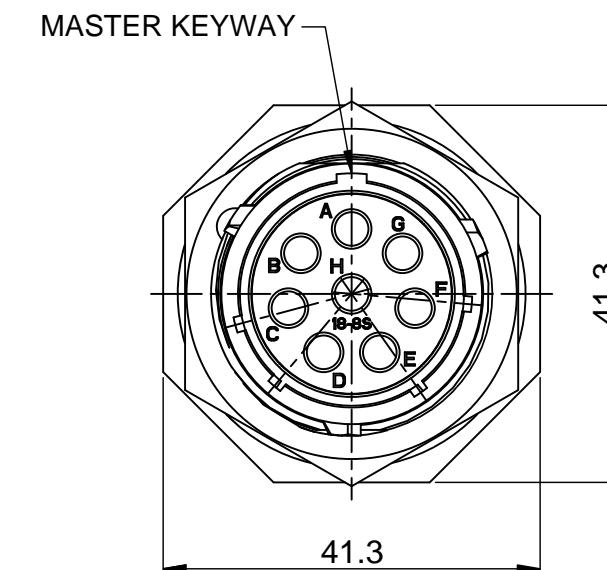
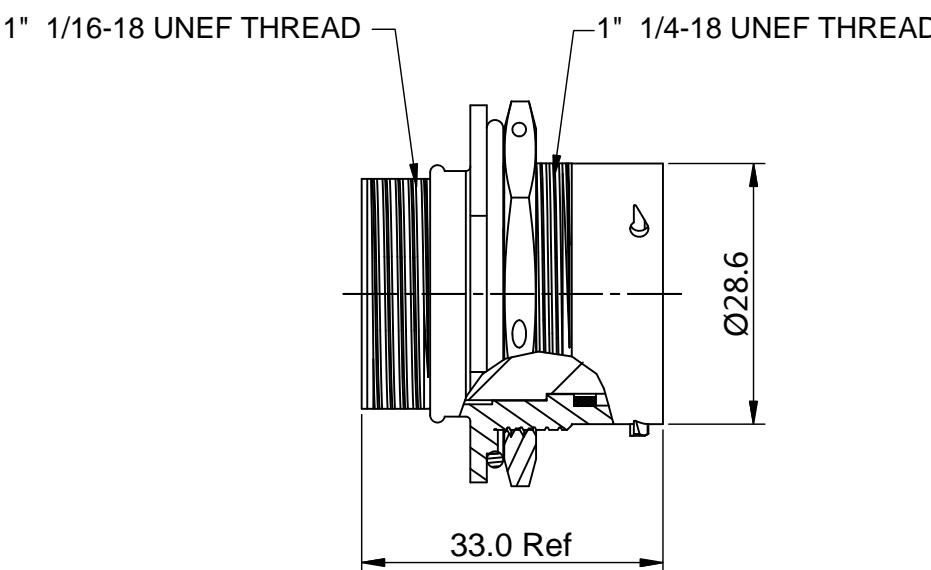


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JUN-27-2014	BEN	TOMMY

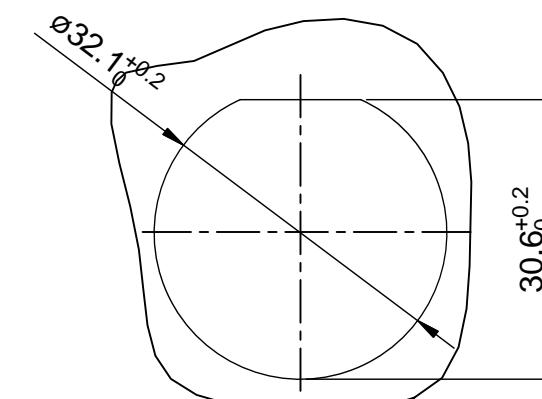
TITLE: ECO-MATE,RECEPTACLE,JAM NUT,SIZE 18,8POS,SOCKET.

DWG NO: RT07188S\*H\* REV: B1 SHEET: 1 OF: 1



## NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :
  - SHELL : ZINC ALLOY , NICKEL PLATED.
  - INSERT : THERMOPLASTIC , UL94 V-0.
  - NUTS : AL ALLOY , NICKEL PLATED.
  - O-RING : NBR/SILICONE RUBBER.
  - SEAL GASKET : NBR/SILICONE RUBBER.
2. SPECIFICATIONS :
  - 2.1 RATED CURRENT : 23A (MAX).
  - 2.2 RATED VOLTAGE : 375V(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.
3. SUITABLE CONTACTS : 2.5mm CONTACTS.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT07188SNH	RT07188SNH03
W	RT07188SWH	RT07188SWH03
X	RT07188SXH	RT07188SXH03
Y	RT07188SYH	RT07188SYH03
Z	RT07188SZH	RT07188SZH03

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
		SEE PART NUMBER	CHART	
<b>MATERIALS LIST</b>				
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		
1) All dimensions are in metric(mm).	DRAWN:	BEN	JUN-27-2014	
2) Tolerances are as follows:	CHECKED:			
1 PL DEC $\pm 0.30$	ENGINEER:			
2 PL DEC $\pm 0.15$	APPROVAL:			
3 PL DEC $\pm 0.08$	CUSTOMER:			
3) Note reference =				
MATERIAL SPECIFICATIONS:				
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
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:		REVISION
B	C-	RT07188S*H*		B1
SCALE:	NONE			SHEET 1 OF 1

**Amphenol**Sine Systems - www.amphenol-sine.com  
44724 Morley Drive  
Clinton Township, MI 48036ECO-MATE,RECEPTACLE, JAM NUT,  
SIZE 18,8POS,SOCKET.

**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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