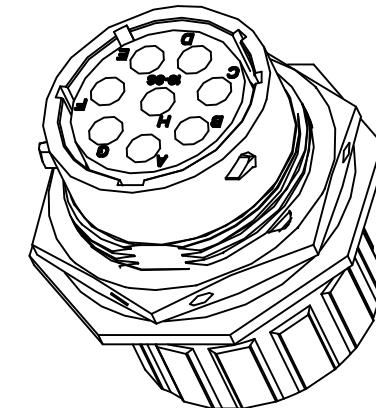
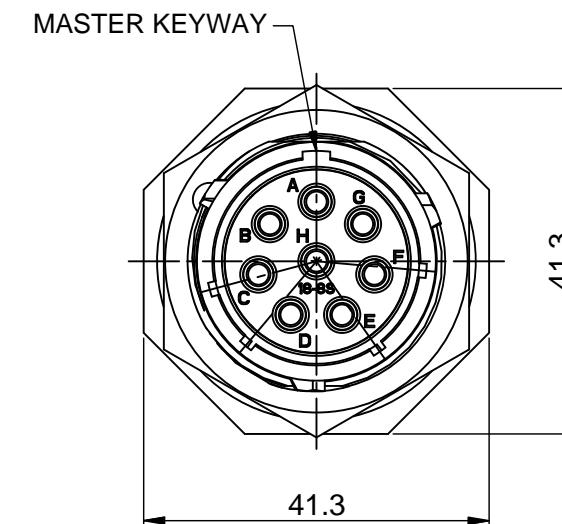
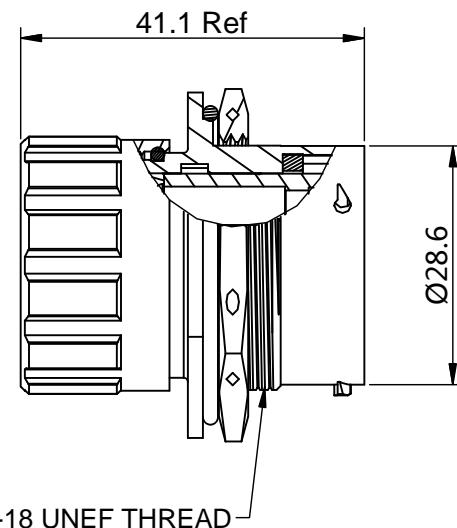


## REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JULY-17-2014	BEN	TOMMY



## NOTES : (UNLESS OTHERWISE SPECIFIED)

## 1. MATERIAL :

SHELL : ZINC ALLOY , NICKEL PLATED.  
 INSERT : THERMOPLASTIC , UL94 V-0.  
 END CAP : THERMOPLASTIC , UL94 V-0.  
 PLASTIC BUSHING : THERMOPLASTIC , UL94 V-0.  
 NUTS : AL ALLOY NICKEL PLATED.  
 SEAL GASKET : NBR.  
 O-RING : NBR.  
 WIRE SEAL : SILICONE RUBBER.

## 2. SPECIFICATIONS :

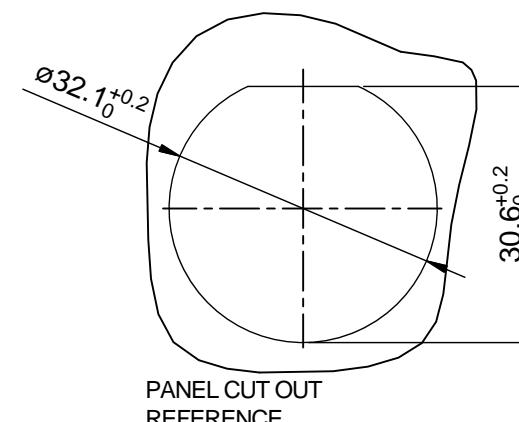
2.1 RATED CURRENT : 23A (MAX).  
 2.2 RATED VOLTAGE : 375V(AC/DC).  
 2.3 OPERATING TEMPERATURE : -40°C ~ +105°C.  
 2.4 DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.  
 2.5 INSULATION RESISTANCE : 5000 MEGOHMS MIN.  
 2.6 IP--CLASS : IP67.  
 2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.  
 2.8 ROHS COMPLIANT.

## 3. SUITABLE CONTACTS : 2.5mm CONTACTS.

## 4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

## 5. 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



KEY POS	PART NUMBER
N	RT07188SNHEC
W	RT07188SWHEC
X	RT07188SXHEC
Y	RT07188SYHEC
Z	RT07188SZHEC

QUANTITY	PART NUMBER	SEE PART NUMBER		ITEM
		CHART	DESCRIPTION	
<b>MATERIALS LIST</b>				
		UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
		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 $\pm 0.08$	DRAWN: BEN	JULY-17-2014
		3) Note reference =	CHECKED:	
			ENGINEER:	
			APPROVAL:	
			CUSTOMER:	
		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.		
		PROCESS SPECIFICATIONS:		
		NEXT ASS'Y:	SCALE: NONE	SHEET 1 OF 1

**Amphenol**

Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)  
 44724 Morley Drive  
 Clinton Township, MI 48036

ECO-MATE,RECEPTACLE,  
 JAM NUT,SIZE 18,8POS,SOCKET,END CAP.

SIZE TYPE DWG NO: **RT07188S\*HEC** REVISION **B1**  
 SCALE: NONE SHEET 1 OF 1

**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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