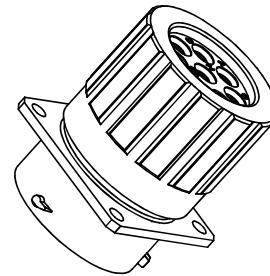
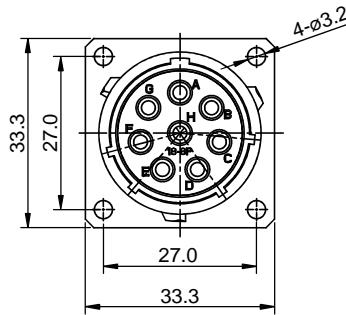
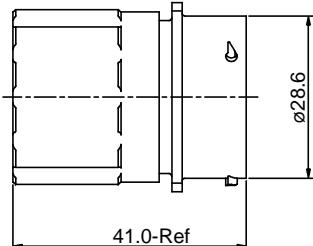


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JAN-18-2014	ARROW	TOMMY



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.
 SEAL GASKET : NBR.
 O-RING : NBR.

WIRE SEAL : SILICONE RUBBER.

2. SPECIFICATIONS :

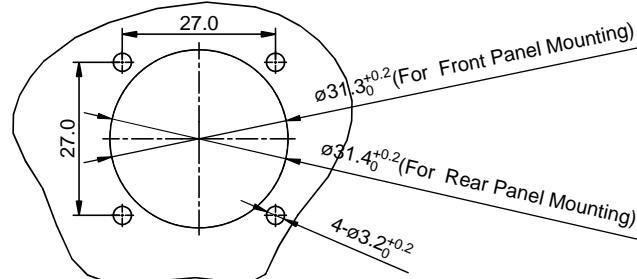
2.1 RATED CURRENT : 23A (MAX).
 2.2 RATED VOLTAGE : 375V (AC/DC).
 2.3 OPERATING TEMPERATURE : -40°C ~ +125°C.
 2.4 DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMS CURRENT LEAKAGE@2000 VOLTS AC.
 2.5 INSULATION RESISTANCE : 5000 MEGOHMS MIN.
 2.6 IP-CLASS : IP67.
 2.7 MATING CYCLES DURABILITY : 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



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER
N	RT00188PNHEC
W	RT00188PWHEC
X	RT00188PXHEC
Y	RT00188PYHEC
Z	RT00188PZHEC

QUANTITY	SEE PART NUMBER CHART	ITEM
DESCRIPTION		ITEM
MATERIALS LIST		ITEM
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
1) All dimensions are in millimeters(mm). 2) Tolerances are as follows: 1 PL DEC +0.30 Fractions ±1/64 2 PL DEC +0.15 Angles ±1° 3 PL DEC ±0.08	DRAWN: ARROW	JAN-17-2014
3) Note reference =	CHECKED:	
MATERIAL SPECIFICATIONS:	ENGINEER:	
PROCESS SPECIFICATIONS:	APPROVAL:	
NEXT ASSY:	CUSTOMER:	
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SIZE: B	TYPE: C-	DWG NO: RT00188P*HEC
SCALE: NONE	REVISION: B1	SHEET 1 OF 1

Amphenol
 Sine Systems - www.amphenol-sine.com
 44724 Morley Drive
 Clinton Township, MI 48036

ECO-MATE,RECEPTACLE, SIZE 18,
 8POS,PIN, END CAP.

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

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

Crimp Contacts, Stamped & Formed				
Part Number		AWG	Wire Range (mm ²)	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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