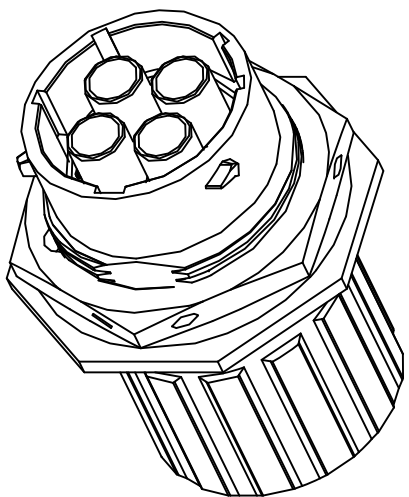
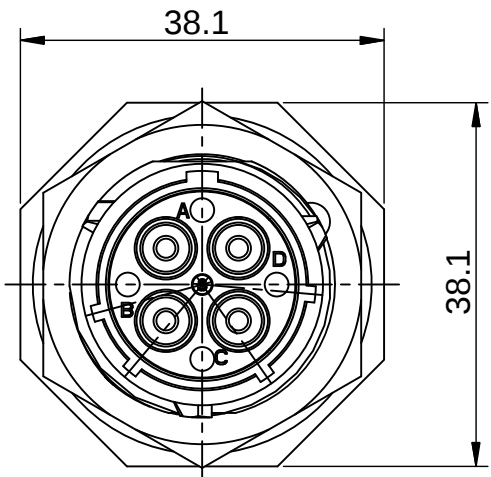
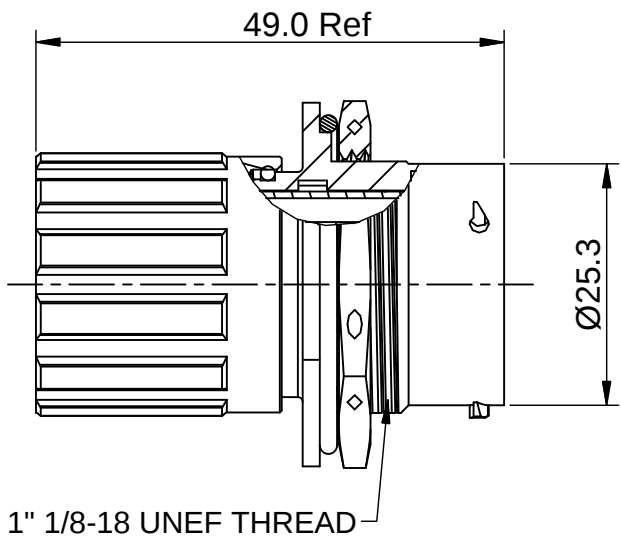


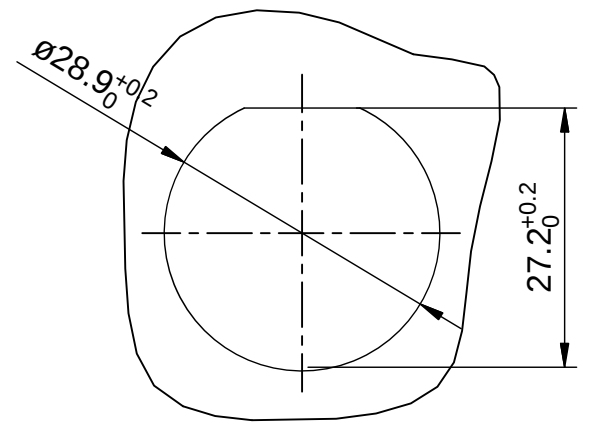
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	SEP-01-2014	BEN	TOMMY



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 : 45A (MAX) .
2.2 RATED VOLTAGE : 500V(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 : 8# 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
8#	Ø2.8mm	Ø5.8mm	12 - 10 AWG



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER
N	RT07164SNHEC
W	RT07164SWHEC
X	RT07164SXHEC
Y	RT07164SYHEC
Z	RT07164SZHEC

SEE PART NUMBER

CHART

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
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UNLESS OTHERWISE SPECIFIED

1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.15
3 PL DEC ±0.08
3) Note reference =

SIGNATURES

DATE

DRAWN: BEN

SEP-01-2014

CHECKED:

ENGINEER:

APPROVAL:

MATERIAL SPECIFICATIONS:

CUSTOMER:

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PROCESS SPECIFICATIONS:

NEXT ASSY:

Amphenol

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

ECO-MATE,RECEPTACLE,
JAM NUT,SIZE 16,4POS,SOCKET,END CAP.

SIZE	TYPE	DWG NO:	REVISION
B	C-	RT07164S*HEC	B1

SCALE:	NONE	SHEET	1	OF	1
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TITLE: ECO-MATE,RECEPTACLE,SIZE16,4POS,SOCKET,END CAP. DWG NO: RT07164S*HEC REV: B1 SH: 1 OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm (1604 Insert Arrangement) Options

Crimp Contacts, 1604 Insert Arrangement, Machined					
Part Number		AWG	Wire Range (mm ²)	For Use w Endcap	Plating
Male	Female				
MP10A23T	MS10A23T	12-10	3.0 - 6.0	Yes	Tin
MP10A23S	MS10A23S	12-10	3.0 - 6.0	Yes	Silver
MP10A23F	MS10A23F	12-10	3.0 - 6.0	Yes	Gold Flash
MP10A23G5	MS10A23G5	12-10	3.0 - 6.0	Yes	Gold 5μ"
MP10S23G10	MS10A23G10	12-10	3.0 - 6.0	Yes	Gold 10μ"
MP10A23G15	MS10A23G15	12-10	3.0 - 6.0	Yes	Gold 15μ"
MS10A23G30	MS10A23G30	12-10	3.0 - 6.0	Yes	Gold 30μ"

Tooling, Machined	
Part Number	Description
QXRT08	Contact Extraction Tool, # 8 (Ø 3.6mm) Contact
M300BT	Hand Crimper
WA27-300BT-EP	Pneumatic Crimper
TP968	Locator M3200BT and WA27-300BT-EP

Plating Options	
Symbol	Plating
T	Tin Plating Over Nickel
S	Silver Plating Over Nickel
F	Gold Plated
G5	Gold Plated (Thickness 5μ")
G10	Gold Plated (Thickness 10μ")
G15	Gold Plated (Thickness 15μ")
G30	Gold Plated (Thickness 30μ")

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[RT07164SNHEC](#)