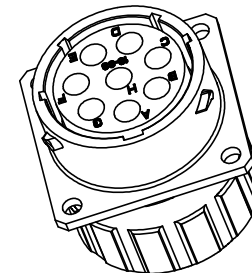
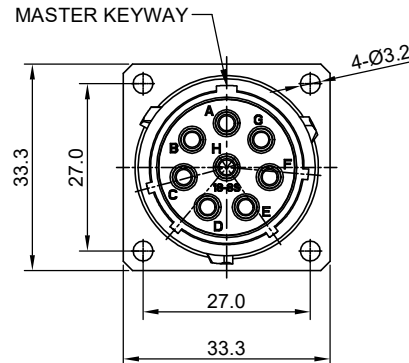
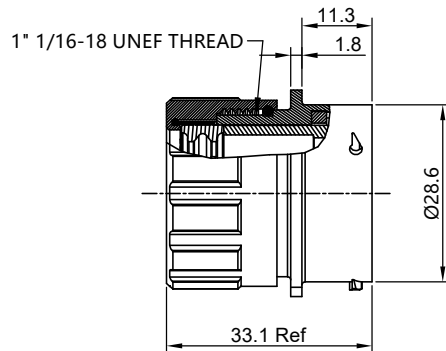


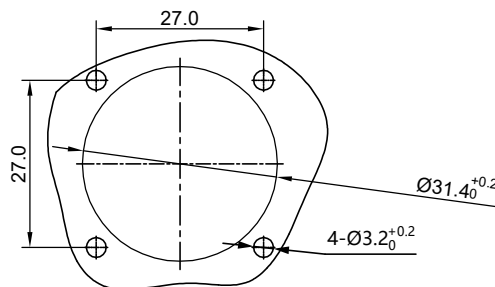
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	Nov-23-2014	Ben	Tommy
B2	-	UPDATE THE VOLTAGE	Dec-3-2019	Flan	Tommy



NOTES: (UNLESS OTHERWISE SPECIFIED)

- 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/SILICONE RUBBER.
O-RING: NBR/SILICONE RUBBER.
WIRE SEAL: SILICONE RUBBER.
- SPECIFICATIONS:
2.1 RATED CURRENT: 23A (MAX).
2.2 RATED VOLTAGE: 500V (AC/DC) . Δ
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(MATED CONDITION).
2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 2.5mm CONTACTS.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.
2.5mm	Ø3.3mm	Ø4.3mm



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT00188SNHEC	RT00188SNHEC03
W	RT00188SWHEC	RT00188SWHEC03
X	RT00188SXHEC	RT00188SXHEC03
Y	RT00188SYHEC	RT00188SYHEC03
Z	RT00188SZHEC	RT00188SZHEC03

SEE PART NUMBER CHART			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
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 = Δ		SIGNATURES DRAWN: Flan CHECKED: Martin ENGINEER: APPROVAL: Tommy CUSTOMER: DATE Dec-3-2019 Dec-3-2019 Dec-3-2019 Dec-3-2019	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
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 B C-	REVISION B2
NEXT ASSY:		SCALE NONE	ECO-MATE, RECEPTACLE, SIZE 18,8POS, SOCKET, END CAP.

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

Machined, Crimp Contacts				
Part Number		Contact Size (AWG)	Wire Range (mm²)	Plating
Male	Female			
MP12B23T	MS12B23T	14-12AWG	2.3-3.5mm²	Tin
MP12B23S	MS12B23S	14-12AWG	2.3-3.5mm²	Silver
MP12B23F	MS12B23F	14-12AWG	2.3-3.5mm²	Gold Flash
MP12B23G5	MS12B23G5	14-12AWG	2.3-3.5mm²	Gold 5µ"
MP12B23G10	MS12B23G10	14-12AWG	2.3-3.5mm²	Gold 10µ"
MP12B23G15	MS12B23G15	14-12AWG	2.3-3.5mm²	Gold 15µ"
MP12B23G30	MS12B23G30	14-12AWG	2.3-3.5mm²	Gold 30µ"

Machined, Tooling	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm contact
UH2-5	Universal Locator, Fits AF8 and WA27F
AF8	Hand Crimper
WA27F	Pneumatic Crimper

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

Stamped & Formed , Crimp Contacts				
Part Number		Contact Size (AWG)	Wire Range (mm²)	Plating
Male	Female			
SP12A1T	SS12A1T	14-12AWG	2.5-3.5mm²	Tin

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

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

Standard Quantity Order Options	
Machined	Bag, 500 Pieces
Stamped & Formed	Reel, 1000 Pieces