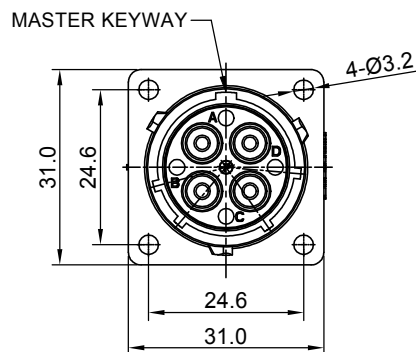
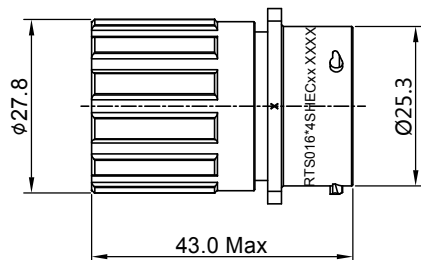
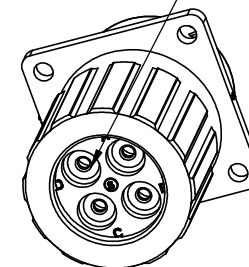


SEALING PLUGS CAN BE
PURCHASED SEPARATELY



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : THERMOPLASTIC , UL94 V-0.

INSERT : THERMOPLASTIC , UL94 V-0.

COUPLING NUT : THERMOPLASTIC , UL94 V-0.

O-RING : NBR OR SILICONE RUBBER.

END CAP : THERMOPLASTIC , UL94 V-0.

PLASTC RING : THERMOPLASTIC , UL94 V-0.

WIRE SEAL : SILICONE RUBBER.

2. SPECIFICATIONS :

2.1 RATED CURRENT : 45A (MAX) .

2.2 RATED VOLTAGE : 600V (AC/DC) .

2.3 OPERATING TEMPERATURE : SEE TABLE.

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 AND IP69K IN THE MATED CONDITION,

WIRE SEALS FULLY POPULATED.

2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.

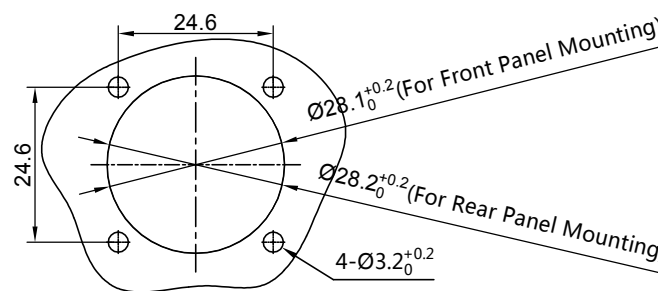
2.8 RoHS COMPLIANT.

3. SUITABLE CONTACTS : 8# CONTACT.

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	Ø4.1mm	12AWG



PANEL CUT OUT REFERENCE

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Mar-29-2017	Ben	Tommy
A2	-	UPDATE NOTES	Jul-05-2017	Nick	Tommy
A3	-	UPDATE DRAWING	Mar-20-2018	White	Tommy
A4	-	UPDATE DRAWING	Apr-10-2018	White	Tommy
A5	-	MODIFY WIRE RANGE	Mar-1-2019	Flan	Tommy

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS016N4SHEC	RTS016N4SHEC03

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 = 		SIGNATURES DATE <	

TITLE: ECO-MATE, RECEPTACLE, END CAP, FLANGE, SIZE 16, 4POS, SOCKET

DWG NO:

RTS016*4SHECxx

REV: A5

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")