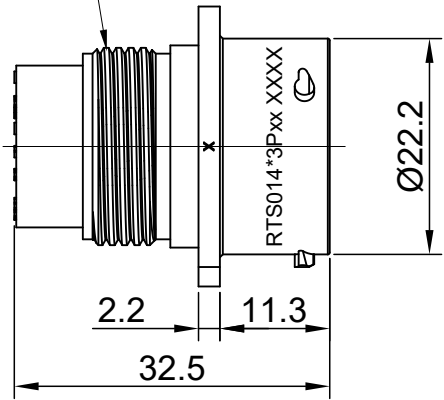
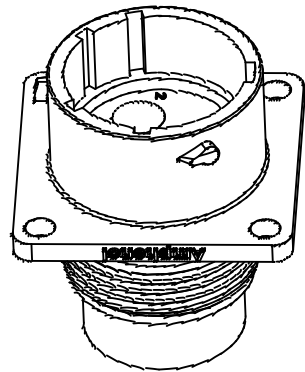
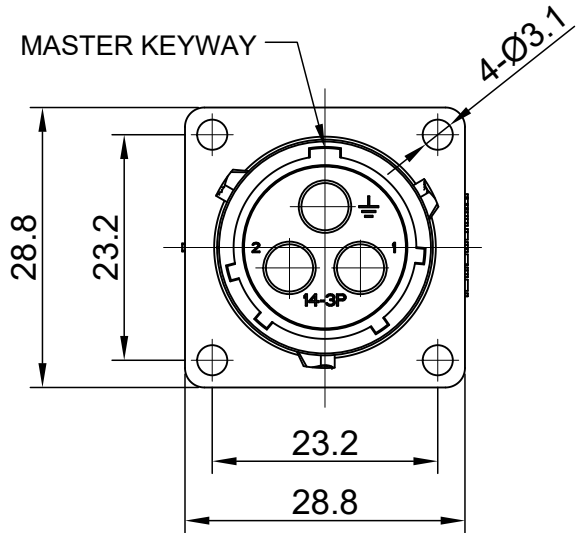


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	Jun-15-18	White	Tommy
A2	--	UPDATE NOTES	Oct-18-2018	Blink	Tommy

UNE F 13/16"-20-2A



MASTER KEYWAY



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

SHELL: THERMOPLASTIC, UL94 V-0.
INSERT: THERMOPLASTIC, UL94 V-0.
SEAL GASKET: NBR/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@2500 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.

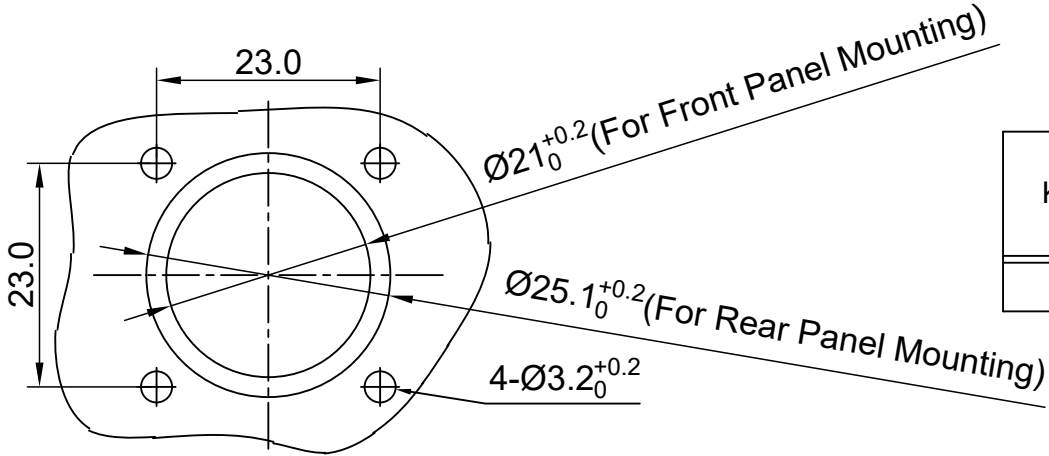
3. SUITABLE CONTACTS : 8# CONTACT.

A2

CONTACT SIZE	CONTACT PN	WIRE RANGE	CORD GRIP
8#	MP10A23x-25	16 - 14AWG	BACK SHELL
	MP10A23x-63	12 - 10AWG	
	MP10A23x-10	8 AWG	
	MP10A23xL	12 - 10AWG	END CAP

IN THE CONTACT PN,"x" DENOTE DIFFERENT PLATING.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS014N3P	RTS014N3P03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: Blink Oct-18-2018	
1 PL DEC ±0.30		CHECKED: Tod Oct-18-2018	
2 PL DEC ±0.15		ENGINEER:	
3 PL DEC ±0.08		APPROVAL: Tommy Oct-18-2018	
3) Note reference = 		CUSTOMER:	
MATERIAL SPECIFICATIONS:		ECO-MATE, RECEPTACLE, FLANGE, SIZE 14, 3 POS, PIN	
PROCESS SPECIFICATIONS:		SIZE TYPE DWG NO. REVISION	
NEXT ASSY:		B C- RTS014*3Pxx A2	
		SCALE: NONE SHEET 1 OF 1	

TITLE: ECO-MATE, RECEPTACLE, FLANGE, SIZE 14, 3 POS, PIN
DWG NO: RTS014*3Pxx
REV: A2
SH: 1
OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm (1403 Insert Arrangement) Options

Crimp Contacts, 1403 Insert Arrangement, Machined					
Part Number		AWG	Wire Range (mm ²)	For Use w Endcap	Plating
Male	Female				
MP10A23T-10	MS10A23T-10	8	10.0	No	Tin
MP10A23S-10	MS10A23S-10	8	10.0	No	Silver
MP10A23F-10	MS10A23F-10	8	10.0	No	Gold Flash
MP10A23G5-10	MS10A23G5-10	8	10.0	No	Gold 5μ"
MP10A23G10-10	MS10A23G10-10	8	10.0	No	Gold 10μ"
MP10A23G15-10	MS10A23G15-10	8	10.0	No	Gold 15μ"
MP10A23G30-10	MS10A23G30-10	8	10.0	No	Gold 30μ"
MP10A23S-63	MS10A23S-63	12-10	4.0 - 6.0	No	Silver
MP10A23F-63	MS10A23F-63	12-10	4.0 - 6.0	No	Gold Flash
MP10A23TL	MS10A23T	12-10	3.0 - 6.0	Yes	Tin
MP10A23SL	MS10A23S	12-10	3.0 - 6.0	Yes	Silver
MP10A23FL	MS10A23F	12-10	3.0 - 6.0	Yes	Gold Flash
MP10A23G5L	MS10A23G5	12-10	3.0 - 6.0	Yes	Gold 5μ"
MP10A23G10L	MS10A23G10	12-10	3.0 - 6.0	Yes	Gold 10μ"
MP10A23G15L	MS10A23G15	12-10	3.0 - 6.0	Yes	Gold 15μ"
MP10A23G30L	MS10A23G30	12-10	3.0 - 6.0	Yes	Gold 30μ"
MP10A23S-25	MS10A23S-25	16-14	1.5 - 2.5	No	Silver
MP10A23F-25	MS10A23F-25	16-14	1.5 - 2.5	No	Gold Flash

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")