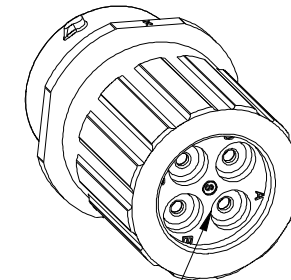
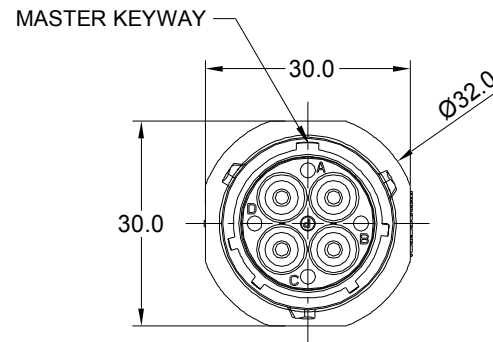
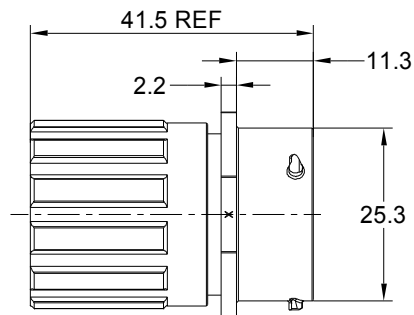


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	—	RELEASED DRAWING	Mar-24-21	Blink	Tommy
A2	—	UPDATE VOLTAGE	SEP-23-2021	BLINK	TOMMY



SEALING PLUGS CAN BE
PURCHASED SEPARATELY

NOTES : (UNLESS OTHERWISE SPECIFIED)

- MATERIAL :
SHELL : THERMOPLASTIC , UL94 V-0.
INSERT : THERMOPLASTIC , UL94 V-0.
O-RING : NBR OR SILICONE RUBBER.
SEAL GASKET : NBR OR SILICONE RUBBER.
END CAP : THERMOPLASTIC , UL94 V-0.
PLASTIC RING:THERMOPLASTIC , UL94 V-0.
WIRE SEAL : SILICONE RUBBER.
- SPECIFICATIONS :
2.1 RATED CURRENT : 45A (MAX).
2.2 RATED VOLTAGE : 600V (AC/DC) .
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 AND IP69K IN THE MATED CONDITION,
WIRE SEALS FULLY POPULATED.
2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 8# CONTACTS.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACT SIZE AND REAR SEAL WIRE RANGE :

CONTACT SIZE	MIN. INSULATION O.D.	MAX. INSULATION O.D.	SMALL WIRE RANGE
8#	Ø2.8mm	Ø4.1mm	12AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS16N4PHEC	RTS1BS16N4PHEC03

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	
1 PL DEC ±0.30		SEP-23-2021	
2 PL DEC ±0.15		CHECKED: ORION	
3 PL DEC ±0.08		SEP-24-2021	
3) Note reference =		ENGINEER:	
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY	
PROCESS SPECIFICATIONS:		SEP-27-2021	
NEXT ASSY:		CUSTOMER:	
		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 TYPE C- DWG NO: RTS1BS16*4PHECxx REVISION A2	
		SCALE NONE SHEET 1 OF 1	

TITLE: EcoMate Aquarius, RECEPTACLE,IN-LINE, SIZE 16, 4 POS, PIN,END CAP,

DWG NO: RTS1BS16*4PHECxx

REV: A2

SH: 1

OF: 1

Amphenol

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

EcoMate Aquarius, RECEPTACLE,IN-LINE,
SIZE 16, 4 POS, PIN,END CAP.

SIZE B TYPE C- DWG NO: RTS1BS16*4PHECxx REVISION A2

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")