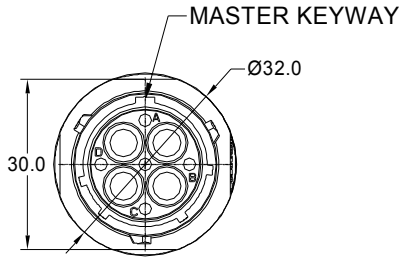
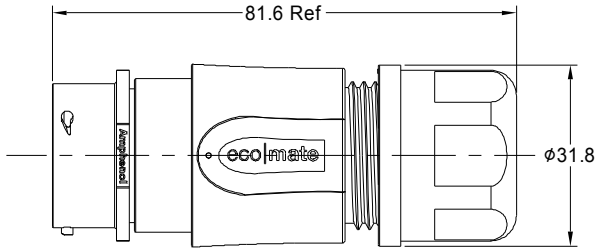
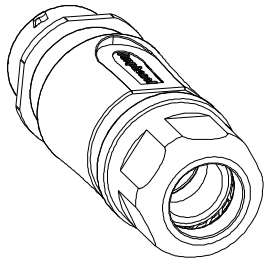
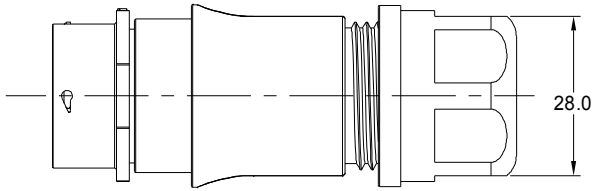
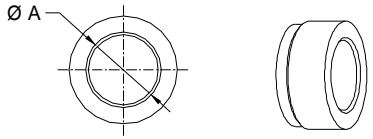
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	Jun-20-2018	Blink	Tommy
A2	–	UPDATE DESCRIPTION AND VOLTAGE	SEP-23-2021	BLINK	TOMMY











NOTES : (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL :
   1.1 SHELL : THERMOPLASTIC , UL94 V-0.
   1.2 INSERT : THERMOPLASTIC , UL94 V-0.
   1.3 O-RING : NBR/SILICONE RUBBER.
   1.4 BACK SHELL : THERMOPLASTIC , UL94 V-0.
   1.5 CLAMP NUT : THERMOPLASTIC , UL94 V-0.
   1.6 CLAMP RING : THERMOPLASTIC , UL94 V-0.
   1.7 CABLE SEAL : EPDM.
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.
   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.

DIMENSION ØA	CABLE OD RANGE
14.5MM	10.0-14.0mm
17.5MM	13.5-17.0mm

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS16N4P	RTS1BS16N4P03

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	BLINK	SEP-23-2021
CHECKED:	ORION	SEP-24-2021
ENGINEER:		
APPROVAL:	TOMMY	SEP-27-2021
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.

Amphenol

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

EcoMate Aquarius,RECPTACLE,BACK SHELL, SIZE 16,4POS,PIN.

SIZE	TYPE	DWG NO:	REVISION
B	C–	RTS1BS16*4Pxx	A2

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius,RECPTACLE,BACK SHELL,SIZE 16,4POS,PIN.
DWG NO: RTS1BS16*4Pxx
REV: A2
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 (mm²)	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 (Thickeness 5µ")
G10	Gold Plated (Thickeness 10µ")
G15	Gold Plated (Thickeness 15µ")
G30	Gold Plated (Thickeness 30µ")