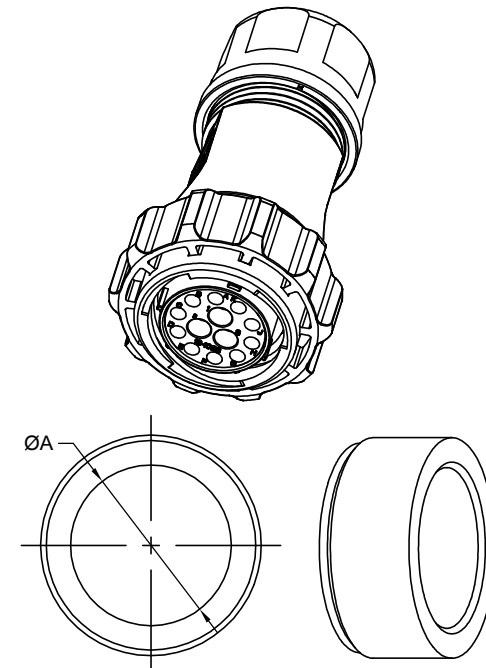
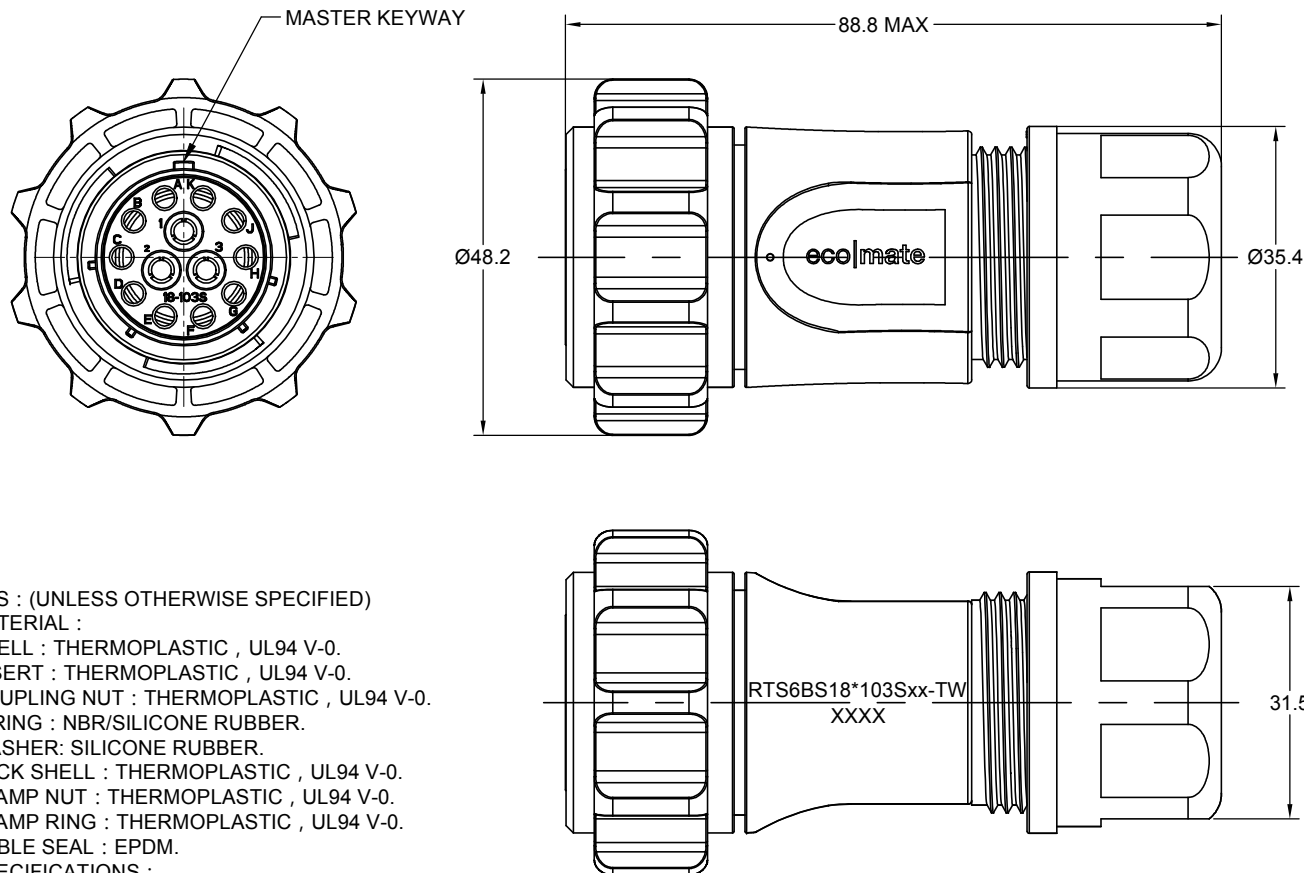


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	RELEASED DRAWING	AUG-12-2020	BLINK	TOMMY



DIMENSION ØA	CABLE OD RANGE
16.5 mm	10.0-16.0 mm
18.5 mm	12.0-18.0 mm

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/SILICONE RUBBER.
 WASHER: SILICONE RUBBER.
 BACK SHELL : THERMOPLASTIC , UL94 V-0.
 CLAMP NUT : THERMOPLASTIC , UL94 V-0.
 CLAMP RING : THERMOPLASTIC , UL94 V-0.
 CABLE SEAL : EPDM.

2. SPECIFICATIONS :

2.1 RATED CURRENT :

- 2.1.1 16# CONTACT 13A (MAX).
- 2.1.2 RF CONTACT 1A (MAX).

2.2 RATED VOLTAGE : 500V(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 : 16# & RF CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

KEY	PART NUMBER	
	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS6BS18N103S-TW	RTS6BS18N103S03-TW

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: BLINK	AUG-12-2020
2) Tolerances are as follows:		CHECKED: FLAN	AUG-14-2020
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: TOMMY	AUG-16-2020
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		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.	
MATERIAL SPECIFICATIONS:		ECO-MATE AQUARIUS, PLUG, BACK SHELL, SIZE 18, 10+3 POS, SOCKET.	
PROCESS SPECIFICATIONS:		SIZE B C- DWG NO: RTS6BS18*103Sxx-TW REVISION 01	
NEXT ASSY:		SCALE NONE SHEET 1 OF 1	

Amphenol

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[RTS6BS18N103S03-TW](#)