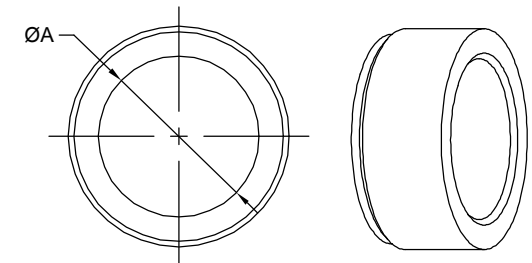
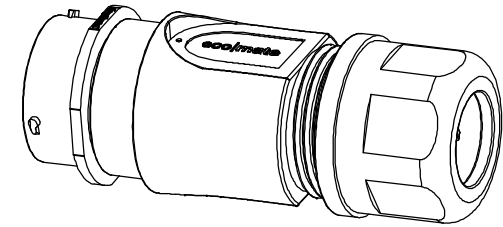
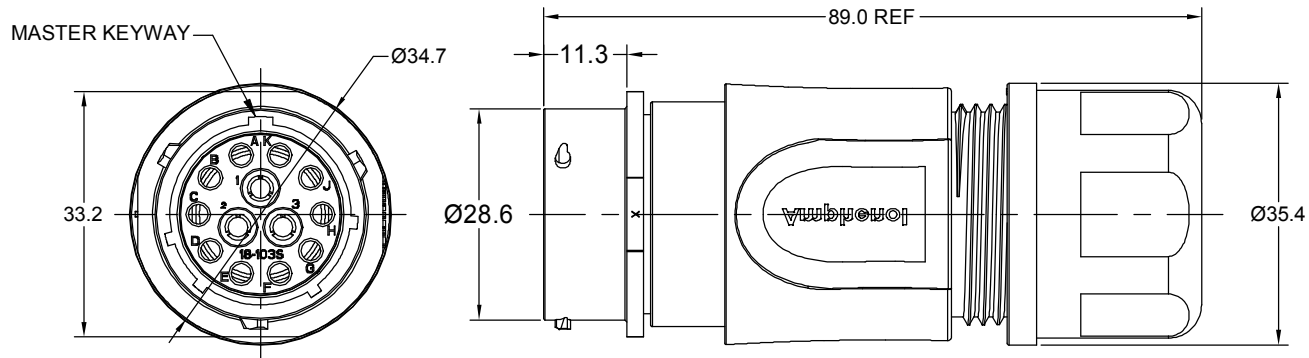


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Feb-02-20201	Ronald	Tommy



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.
- O-RING : NBR/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	RTS1BS18N103S	RTS1BS18N103S03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: Ronald	Feb-02-21
2) Tolerances are as follows:		CHECKED: Ron	Feb-03-21
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: Tommy	Feb-04-21
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:		SIZE	REVISION
PROCESS SPECIFICATIONS:		B C-	A1
NEXT ASSY:		SCALE	SHEET 1 OF 1
		NONE	

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

ECOMATE AQUARIUS,RECPTACLE,
BACK SHELL,SIZE 18,10+3 POS,SOCKET

SIZE TYPE DWG NO. RTS1BS18*103Sxx A1

Mouser Electronics

Authorized Distributor

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