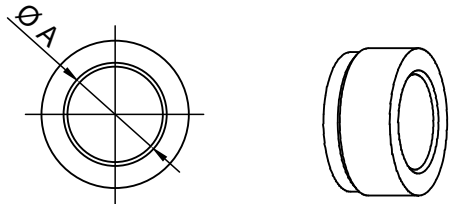
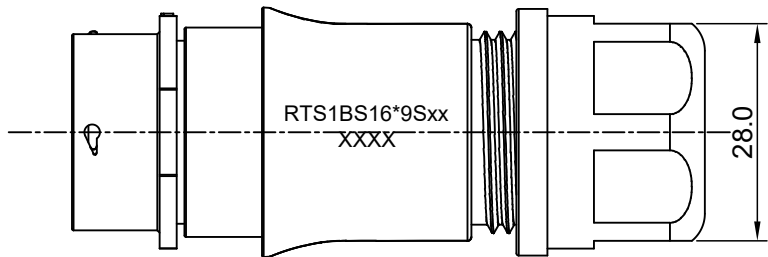
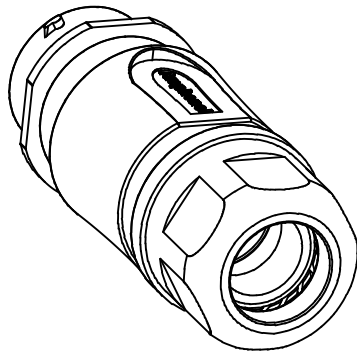
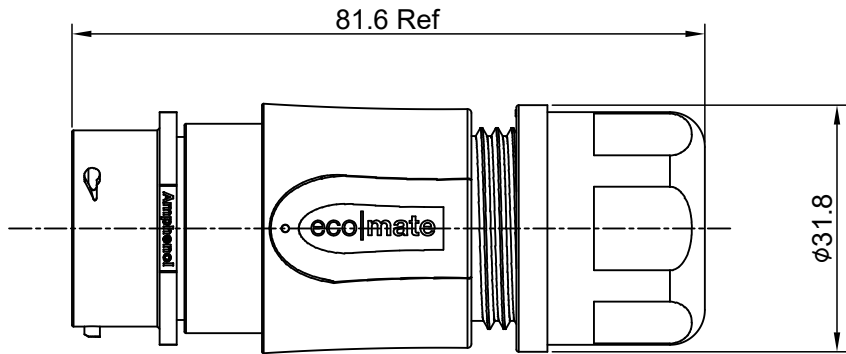
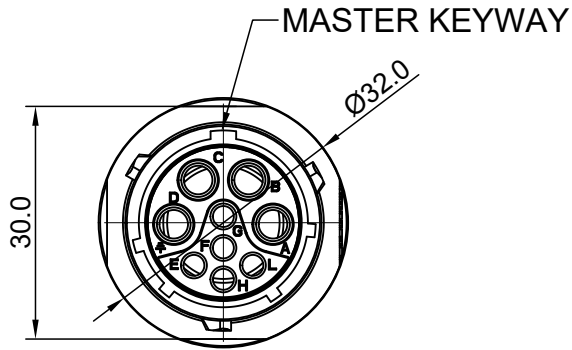


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	Jun-20-2018	Blink	Tommy



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 :
 - 2.1.1 2.5mm 23A (MAX) .
 - 2.1.2 16# 13A(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 : 2.5mm & 16# CONTACTS.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
5. ADD LOCTITE TO RETAIN BACKSHELL DURING UN-MATING AND TO PROVIDE ADDITIONAL PROTECTION AGAINST VIBRATION.

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	RTS1BS16N9S	RTS1BS16N9S03

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:	Blink	Jun-20-2018
2) Tolerances are as follows:		CHECKED:	Tod	Jun-20-2018
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL:	Tommy	Jun-20-2018
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, RECPTACLE, BACK SHELL, SIZE 16,9POS(4+5), SOCKET.		
PROCESS SPECIFICATIONS:		SIZE	TYPE	DWG NO:
		B	C-	RTS1BS16*9Sxx
NEXT ASSY:		SCALE: NONE		REVISION
				A1
		SHEET 1 OF 1		