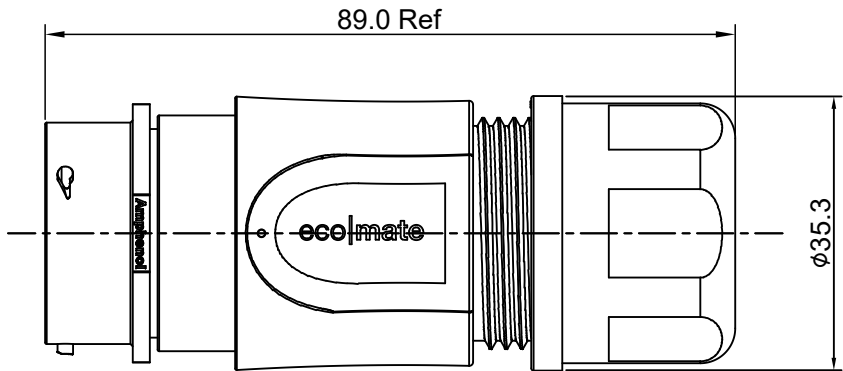
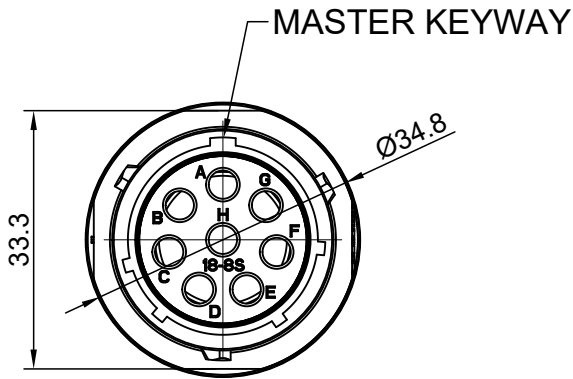


NOTES: (UNLESS OTHERWISE SPECIFIED)

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 : 23A (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 CONTACT.
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
16.5 MM	10.0-16.0 MM
18.5 MM	12.0-18.0 MM

KEY	PART NUMBER	
	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS6BS18N8S	RTS6BS18N8S03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: Blink	Jun-21-2018
2) Tolerances are as follows:		CHECKED: Tod	Jun-21-2018
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: Tommy	Jun-21-2018
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:		SIZE	TYPE
PROCESS SPECIFICATIONS:		B	C-
NEXT ASSY:		SCALE: NONE	
		DWG NO:	RTS1BS18*8Sxx
		REVISION	A1
		SHEET	1 OF 1

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	Jun-21-2018	Blink	Tommy

TITLE: ECO-MATE,RECPTACLE,BACK SHELL,SIZE 18,8POS,SOCKET.
DWG NO: RTS1BS18*8Sxx
REV: A1
SH: 1
OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 12 Options

Crimp Contacts, Machined				
Part Number		AWG	Wire Range (mm²)	Plating
Male	Female			
N/A				

Tooling, Machined	
Part Number	Description
N/A	N/A
N/A	N/A

Plating Options, All	
Symbol	Plating
N/A	N/A

Crimp Contacts, Stamped & Formed				
Part Number		AWG	Wire Range (mm²)	Plating
Male	Female			
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin

Tooling, Stamped & Formed	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm Contact
MFx-3962	Hand Tool, Stamped & Formed Contact, 2.5mm Contact

Misc Tooling, All	
Part Number	Description
CA-4012-59	Sealing Plug, Size 12

Standard Quantity Order Options	
Machined	Stamped & Formed
N/A	Reel, 1000 Pieces