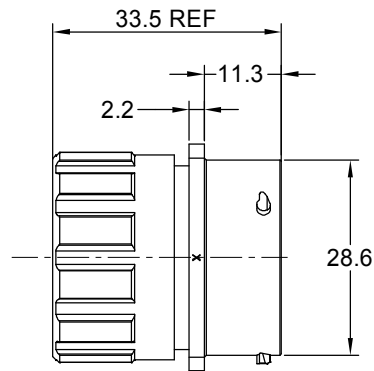
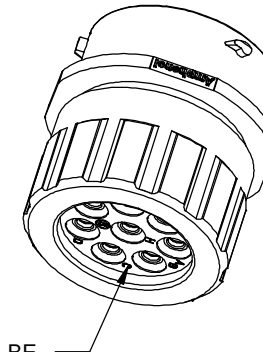
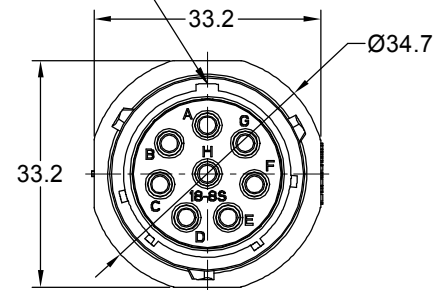


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	—	RELEASED DRAWING	Mar-24-21	Blink	Tommy



MASTER KEYWAY



SEALING PLUGS CAN BE
PURCHASED SEPARATELY

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : THERMOPLASTIC , UL94 V-0.
INSERT : THERMOPLASTIC , UL94 V-0.
O-RING : NBR OR SILICONE RUBBER.
SEAL GASKET : NBR OR SILICONE RUBBER.
END CAP : THERMOPLASTIC , UL94 V-0.
PLASTIC RING:THERMOPLASTIC , UL94 V-0.
WIRE SEAL : SILICONE RUBBER.

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,
WIRE SEALS FULLY POPULATED.
2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
2.8 RoHS COMPLIANT.

3. SUITABLE CONTACTS : 2.5mm CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
2.5mm	Ø3.3mm	Ø4.3mm	14 - 12AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS18N8SHEC	RTS1BS18N8SHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN: Blink	DATE: Mar-24-21
2) Tolerances are as follows:		CHECKED: Flan	DATE: Mar-26-21
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: Tommy	DATE: Mar-30-21
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:		ECO-MATE AQUARIUS, RECEPTACLE,IN-LINE, SIZE 18, 8POS, SOCKET, END CAP.	
PROCESS SPECIFICATIONS:		SIZE B C- TYPE DWG NO: RTS1BS18*8SHECxx	
NEXT ASSY:		SCALE NONE	
		SHEET 1 OF 1	

TITLE: ECO-MATE AQUARIUS, RECEPTACLE,IN-LINE, SIZE 18, 8POS, SOCKET, END CAP, DWG NO.: RTS1BS18*8SHECxx, 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