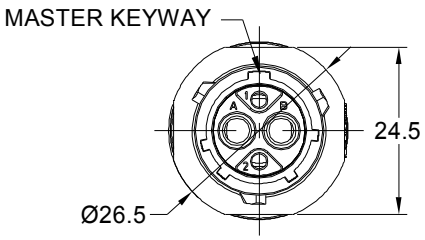
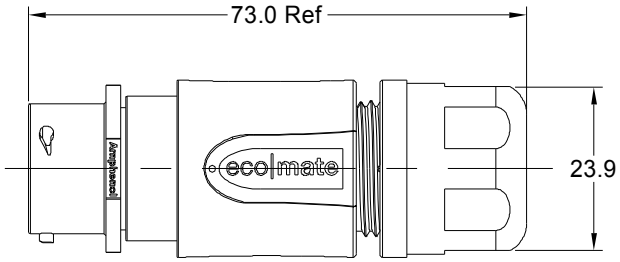
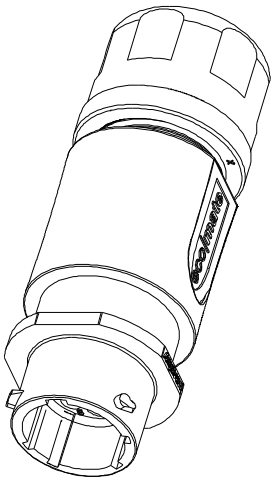
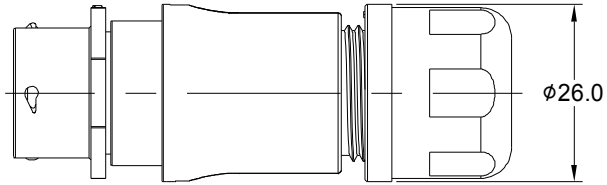
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	Jun-20-2018	Blink	Tommy
A2	–	UPDATE DESCRIPTION AND VOLTAGE	SEP-16-21	BLINK	TOMMY









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 CONTACT 23A (MAX) .
     - 2.1.2 20# CONTACT 5A (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 & 20# CONTACTS.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

DIMENSION ϕA	CABLE OD RANGE
9.5MM	6.0-9.0mm
12.2MM	8.5-12.0mm

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS12N2S	RTS1BS12N2S03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	BLINK	SEP-16-21
CHECKED:	ORION	SEP-17-21
ENGINEER:		
APPROVAL:	TOMMY	SEP-18-21
CUSTOMER:		

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

EcoMate Aquarius,RECPTACLE,BACK SHELL, SIZE 12,4POS(2+2),SOCKET

SIZE B | TYPE C– | DWG NO: RTS1BS12*2Sxx | REVISION A2

SCALE: NONE | SHEET 1 OF 1

TITLE: EcoMate Aquarius,RECPTACLE,BACK SHELL,SIZE12,4POS(2+2),SOCKET
DWG NO: RTS1BS12*2Sxx
REV: A2
SH: 1
OF: 1