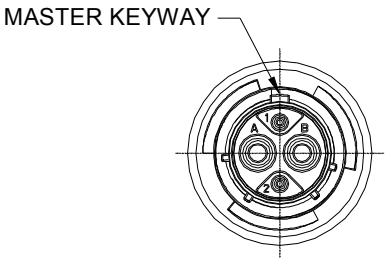
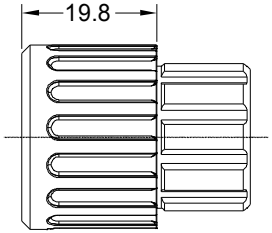
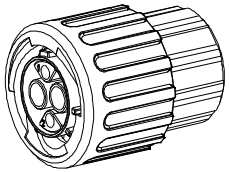
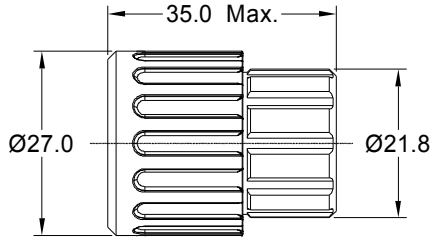
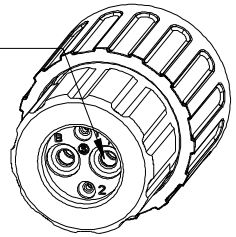
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	FIRST RELEASED	Jun.15,2016	Drack	Tommy
A2	–	UPDATE NOTES	Jun.21,2017	Nick	Tommy
A3	–	UPDATE DRAWING	Mar-19-2018	White	Tommy
A4	–	UPDATE SPECIFICATIONS	Mar-16-2020	Flan	Tommy
A5	–	UPDATE DESCRIPTION AND VOLTAGE	SEP-16-21	BLINK	TOMMY











KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS12N2SHEC	RTS6BS12N2SHEC03

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :
   SHELL : THERMOPLASTIC , UL94 V-0.
   INSERT : THERMOPLASTIC , UL94 V-0.
   COUPLING NUT : THERMOPLASTIC , UL94 V-0.
   O-RING : NBR OR SILICONE RUBBER.
   WASHER : SILICONE RUBBER.
   END CAP : THERMOPLASTIC , UL94 V-0.
   PLASTIC RING: THERMOPLASTIC , UL94 V-0.
   WIRE SEAL : SILICONE RUBBER.
2. SPECIFICATIONS :
   2.1, RATED CURRENT : 2.5mm CONTACT: 23A (MAX).
   20# CONTACT: 5A (MAX).
   2.2, RATED VOLTAGE : 500 (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 CONTACT.
   20# CONTACT.
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
20#	Ø1.6mm	Ø2.6mm	30 - 20AWG

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-16-2021
CHECKED:	ORION	SEP-17-2021
ENGINEER:		
APPROVAL:	TOMMY	SEP-16-2021
CUSTOMER:		

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Amphenol

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

EcoMate Aquarius,PLUG,END CAP,
4 POS(2+2),SOCKET CONTACT,SIZE 12

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS12*2SHECxx	A5

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius,PLUG,END CAP,4 POS(2+2),SOCKET CONTACT,SIZE 12
DWG NO: RTS6BS12*2SHECxx
REV: A5
SH: 1
OF: 1