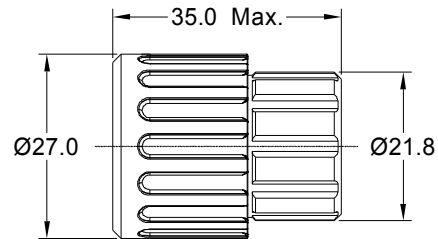
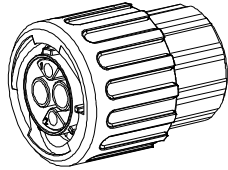
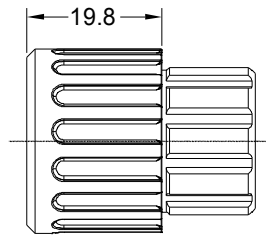
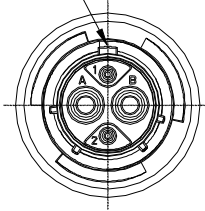
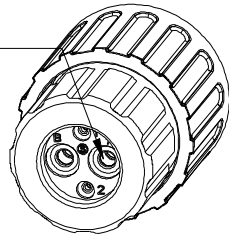


MASTER KEYWAY



SEALING PLUGS CAN BE PURCHASED SEPARATELY



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

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

NOTES : (UNLESS OTHERWISE SPECIFIED)

- 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.
- 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.
- SUITABLE CONTACTS : 2.5mm CONTACT.  
20# CONTACT.
- 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
<b>MATERIALS LIST</b>			
<p><b>UNLESS OTHERWISE SPECIFIED</b></p> <p>1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.16 Angles ±1° 3 PL DEC ±0.08</p> <p>3) Note reference = </p>		<p><b>SIGNATURES</b>      <b>DATE</b></p> <p>DRAWN: BLINK      SEP-16-2021</p> <p>CHECKED: ORION      SEP-17-2021</p> <p>ENGINEER:</p> <p>APPROVAL: TOMMY      SEP-16-2021</p> <p>CUSTOMER:</p>	
<p>MATERIAL SPECIFICATIONS:</p>		<p style="text-align: center;"><b>Amphenol</b></p> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>	
<p>PROCESS SPECIFICATIONS:</p>		<p>EcoMate Aquarius, PLUG, END CAP, 4 POS(2+2), SOCKET CONTACT, SIZE 12</p>	
<p>NEXT ASSY:</p>		<p>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.</p>	
		<p>SIZE TYPE DWG NO. REVISION</p> <p>B C- RTS6BS12*2SHECxx A5</p>	<p>SCALE NONE SHEET 1 OF 1</p>

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

DWG NO:

RTS6BS12\*2SHECxx

REV: A5

SH: 1

OF: 1