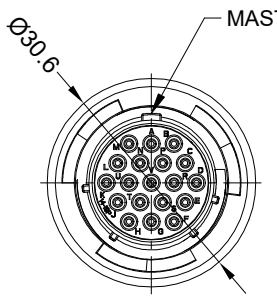
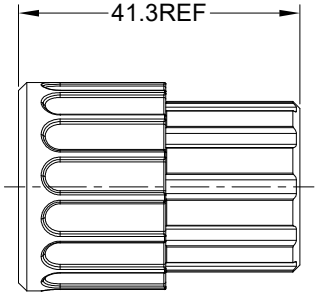
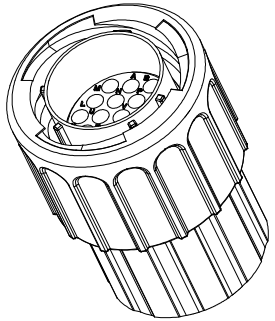
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	JUN-14-2016	JARRY	TOMMY
A2	–	UPDATE NOTES	JUN-22-2017	NICK	TOMMY
A3	–	UPDATE DRAWING	MAR-20-2018	WHITE	TOMMY
A4	–	UPDATE THE DESCRIPTION	APRIL-1-2022	JUN	TOMMY
A5	–	UPDATE THE WIRE RANGE	JAN-8-2025	JOE	TOMMY



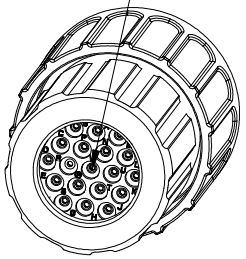




NOTES: (UNLESS OTHERWISE SPECIFIED)

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:
     - 2.1.1 STAMPED CONTACT 5A (MAX).
     - 2.1.2 MACHINED CONTACT 7.5A (MAX).
   - 2.2 RATED VOLTAGE: 250V(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 : 20# CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

SEALING PLUGS CAN BE PURCHASED SEPARATELY



5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
20#	Ø1.4mm	Ø2.1mm	18 - 30AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS14N19PHEC	RTS6BS14N19PHEC03

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:	JOE	JAN-8-2025
CHECKED:	ORION	JAN-9-2025
ENGINEER:		
APPROVAL:	TOMMY	JAN-13-2025
CUSTOMER:		

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.

Amphenol

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

EcoMate Aquarius,PLUG,END CAP,
SIZE 14,19POS,PIN

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS14*19PHECxx	A5

SCALE: NONE SHEET 1 OF 1

TITLE:EcoMate Aquarius,PLUG,END CAP,SIZE 14,19POS,PIN
DWG NO: RTS6BS14*19PHECxx
REV: A5
SH: 1
OF: 1