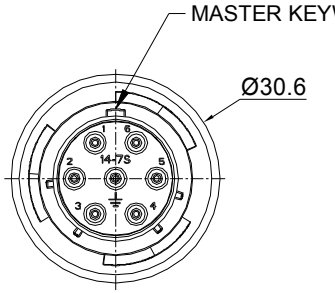
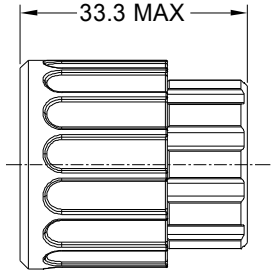
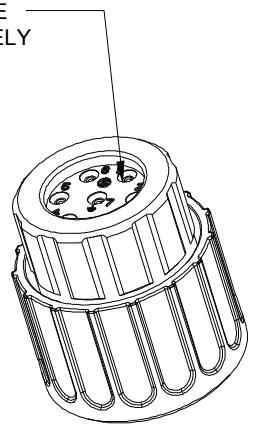
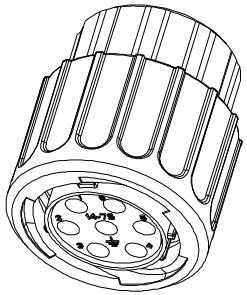
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	SEP-22-2021	BLINK	TOMMY









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 : 13A (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 : 16# CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
5. CONTACT SIZE AND REAR SEAL WIRE RANGE :

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	Ø1.2	Ø2.1	14 - 24AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS14N7SHECR	RTS6BS14N7SHEC03R

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 ASSY:

SIGNATURES		DATE
DRAWN:	BLINK	SEP-22-2021
CHECKED:	ORION	SEP-22-2021
ENGINEER:		
APPROVAL:	TOMMY	SEP-22-2021
CUSTOMER:		

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

EcoMate Aquarius, PLUG,END CAP,
SIZE 14, 7 POS, SOCKET,REDUCED WIRE SEALS

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS14*7SHECxxR	A1

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius, PLUG,END CAP, SIZE 14, 7 POS, SOCKET,REDUCED WIRE SEALS
DWG NO: RTS6BS14*7SHECxxR
REV: A1
SH: 1
OF: 1