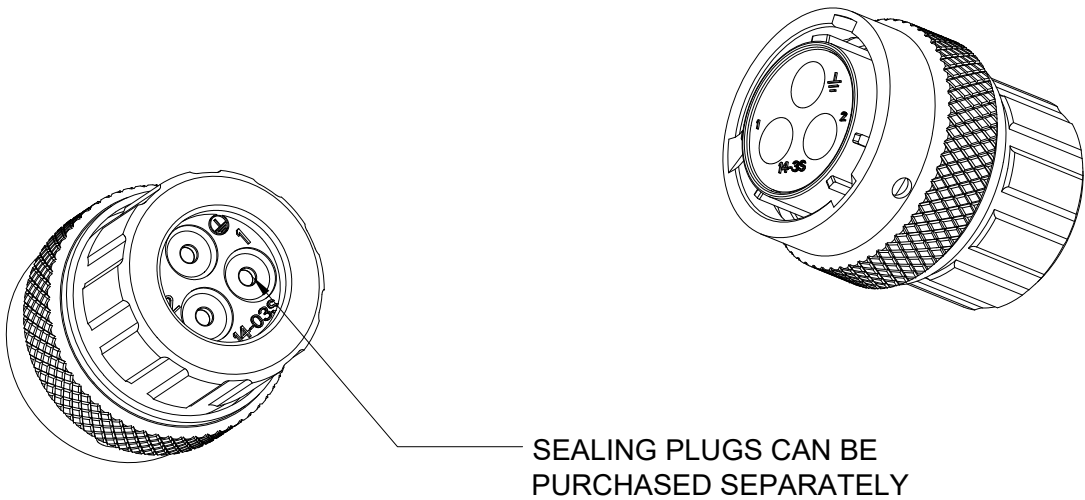
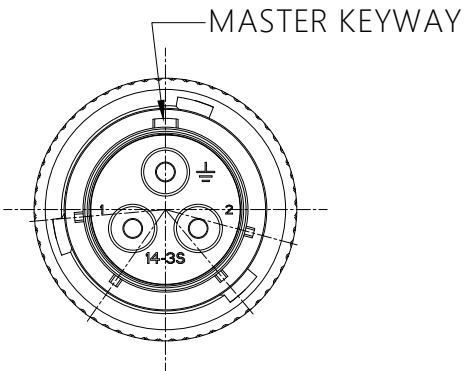
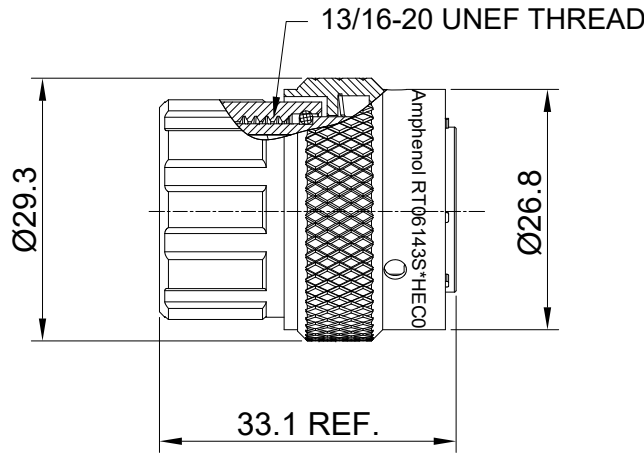


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	May-17-2018	White	Tommy
A2	-	UPDATED DRAWING	Jul-20-2018	White	Tommy
A3	-	UPDATED NOTE 3	4/23/2025	RO	RO



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:
SHELL: ZINC ALLOY, NICKEL PLATED.
INSERT: THERMOPLASTIC, UL94 V-0.
END CAP: THERMOPLASTIC, UL94 V-0.
COUPLING NUT: AL ALLOY, NICKEL PLATED.
WAVE WASHER: STAINLESS STEEL.
O-RING: NBR OR SILICONE RUBBER.
WIRE SEAL: SILICONE RUBBER.
PLASTIC BUSHING: THERMOPLASTIC, UL94 V-0.
2. SPECIFICATIONS:
2.1 RATED CURRENT: RATED CURRENT: 45A (MAX).
2.2 RATED VOLTAGE: 600V (AC/DC).
2.3 OPERATING TEMPERATURE: SEE TABLE.
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN
2 MILLIAMPS CURRENT LEAKAGE@2500 VOLTS AC.
2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
2.6 IP CLASS: IP67 **IN THE MATED CONDITION,**
WIRE SEALS FULLY POPULATED.
2.7 MATING CYCLES DURABILITY: 500 CYCLES(MIN).
2.8 RoHS COMPLIANT.
3. SUITABLE CONTACTS : 8# CONTACTS (MS10A23-XW,
x DENOTE DIFFERENT PLATING).
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INS O.D.	WIRE RANGE
8#	Ø2.8mm	Ø5.2mm	12 - 10AWG

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT06143SNHEC	RT06143SNHEC03
W	RT06143SWHEC	RT06143SWHEC03
X	RT06143SXHEC	RT06143SXHEC03
Y	RT06143SYHEC	RT06143SYHEC03
Z	RT06143SZHEC	RT06143SZHEC03

SEE PART NUMBER		CHART					
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: White CHECKED: Tod ENGINEER: APPROVAL: Tommy CUSTOMER:		DATE Jul-20-2018 Jul-20-2018 Jul-20-2018		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:				ECO-MATE,PLUG,END CAP SIZE 14, 3 POS, SOCKET			
PROCESS SPECIFICATIONS:		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.		SIZE	TYPE	DWG NO:	REVISION
NEXT ASS'Y:				B	C-	RT06143S*HECxx	A3
				SCALE: NONE		SHEET 1 OF 1	

TITLE: ECO-MATE,PLUG,END CAP,SIZE 14, 3 POS, SOCKET
DWG NO: RT06143S*HECxx
REV: A3
SH: 1
OF: 1