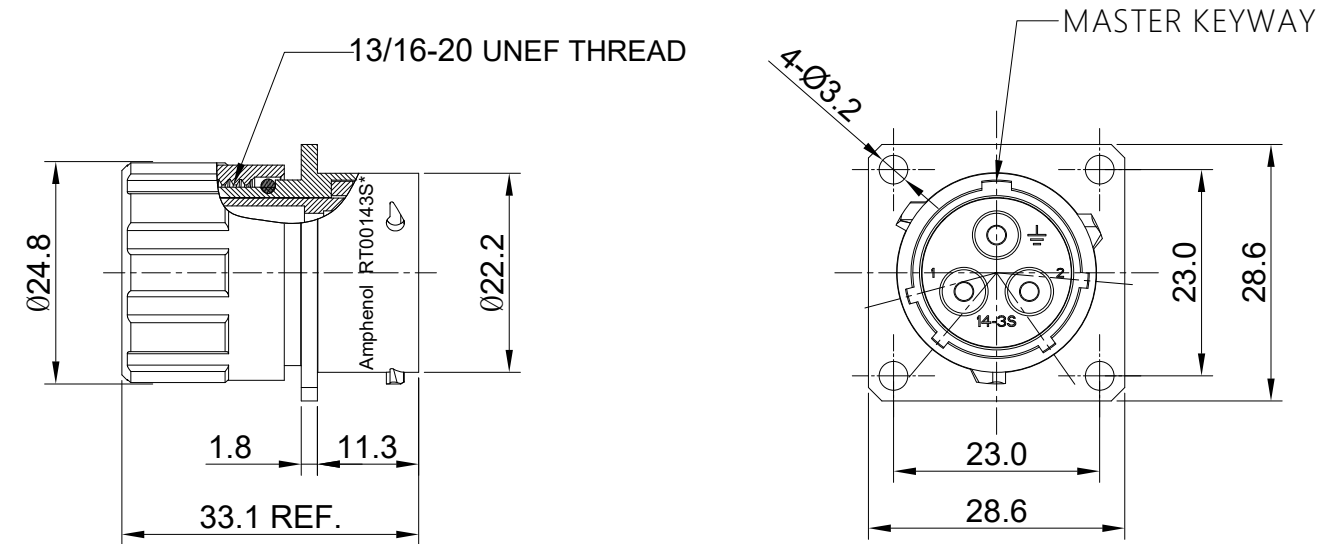
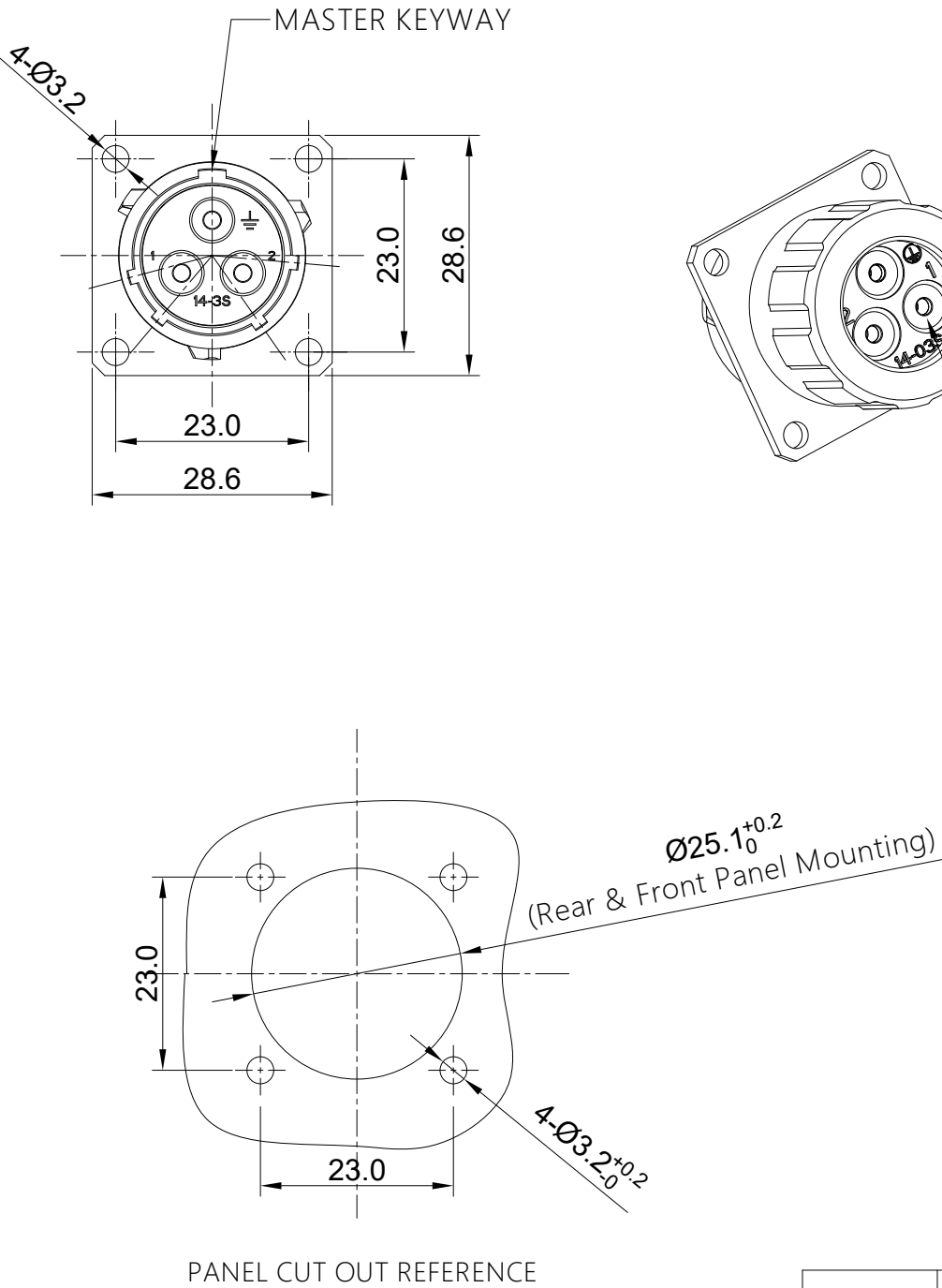




NOTES: (UNLESS OTHERWISE SPECIFIED)

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@2000 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



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Jul-20-2018	White	Tommy
A2	-	UPDATED NOTE 3	Jul-20-2018	White	Tommy



SEALING PLUGS CAN BE PURCHASED SEPARATELY

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT00143SNHEC	RT00143SNHEC03
W	RT00143SWHEC	RT00143SWHEC03
X	RT00143SXHEC	RT00143SXHEC03
Y	RT00143SYHEC	RT00143SYHEC03
Z	RT00143SZHEC	RT00143SZHEC03

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 = X		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
		DRAWN: White		Jul-20-2018		
		CHECKED: Tod		Jul-20-2018		
		ENGINEER:				
MATERIAL SPECIFICATIONS:		APPROVAL: Tommy		Jul-20-2018		ECO-MATE,RECEPTACLE,END CAP FLANGE,SIZE 14,3 POS,SOCKET SIZE TYPE DWG NO: REVISION B C- RT00143S*HECxx A2 SCALE: NONE SHEET 1 OF 1
		CUSTOMER:				
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.				
NEXT ASS'Y:						

TITLE: ECO-MATE,RECEPTACLE,END CAP,FLANGE,SIZE 14,3 POS,SOCKET

DWG NO:

RT00143S*HECxx

REV: A2

SH: 1

OF: 1