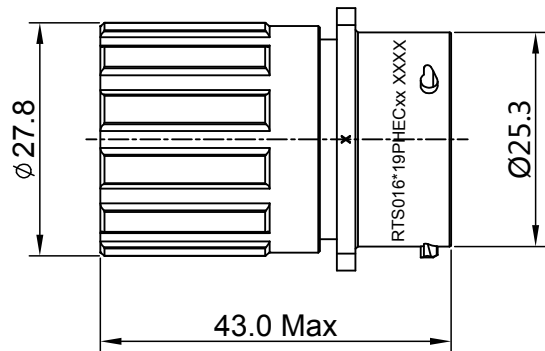




NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : THERMOPLASTIC , UL94 V-0.

INSERT : THERMOPLASTIC , UL94 V-0.

O-RING : NBR OR SILICONE RUBBER.

SEAL GASKET : NBR OR 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.

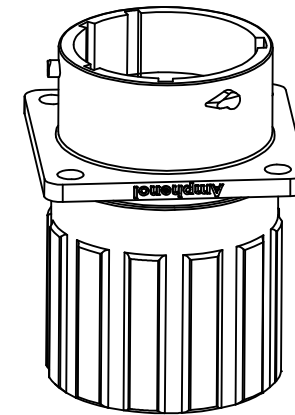
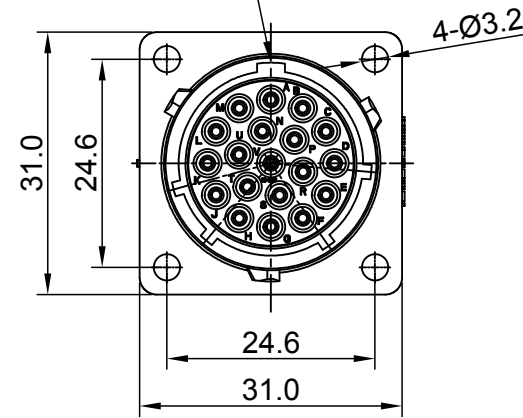
3. SUITABLE CONTACTS : 16# CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

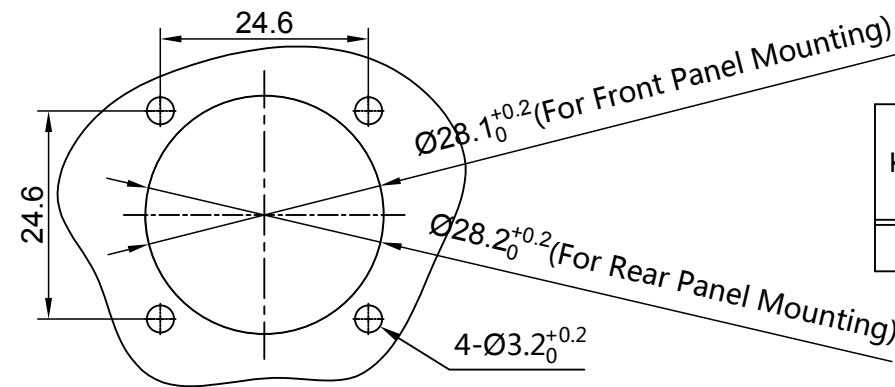
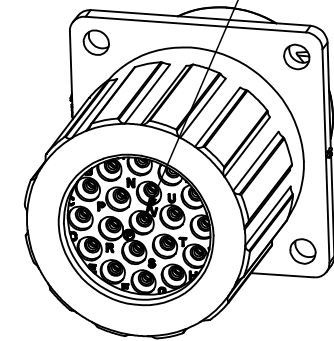
5. CONTACT SIZE AND REAR SEAL WIRE RANGE :

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	2.0mm	3.2mm	14 - 24AWG

MASTER KEYWAY



SEALING PLUGS CAN BE
PURCHASED SEPARATELY



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS016N19PHEC	RTS016N19PHEC03

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 =		SIGNATURES	DATE
		DRAWN: White	Apr-10-2018
		CHECKED: Tod	Apr-10-2018
		ENGINEER:	
		APPROVAL: Tommy	Apr-10-2018
MATERIAL SPECIFICATIONS:		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 ASSY:			
		SIZE B C	TYPE
		SCALE NONE	
		DWG NO: RTS016*19PHECxx	REVISION A4
		SHEET 1 OF 1	

TITLE: ECO-MATE, RECEPTACLE, END CAP, FLANGE, SIZE 16, 19 POS, PIN

DWG NO: RTS016*19PHECxx

REV: A4

SH: 1

OF: 1