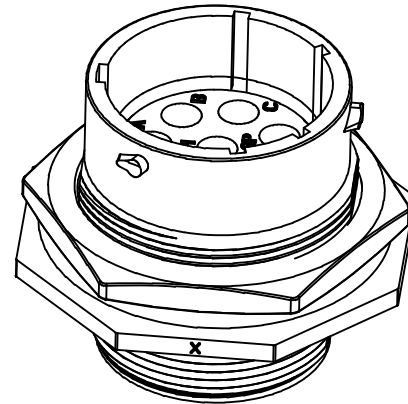
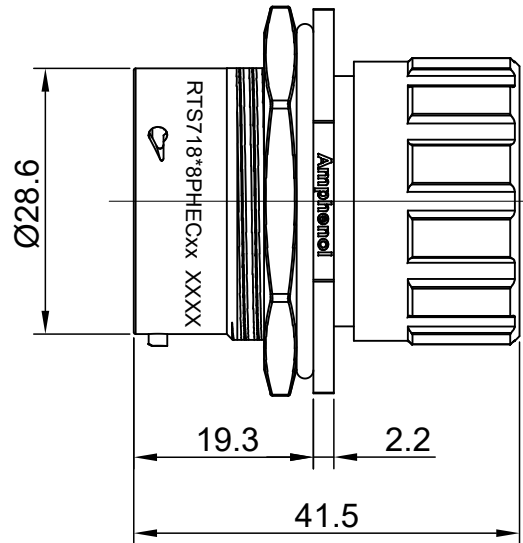
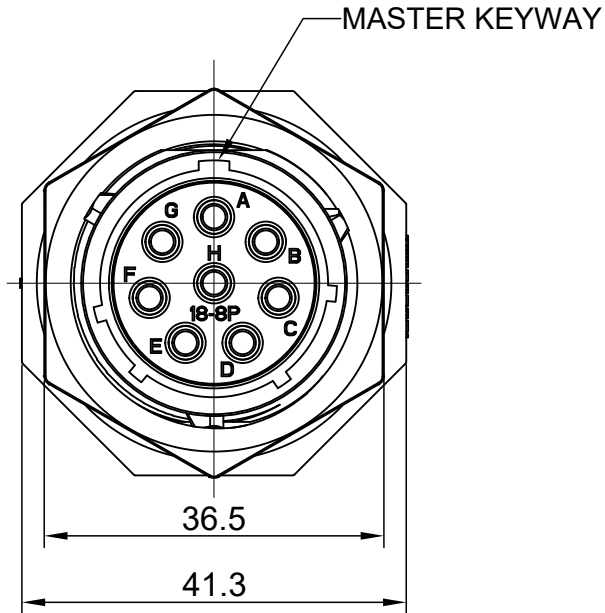
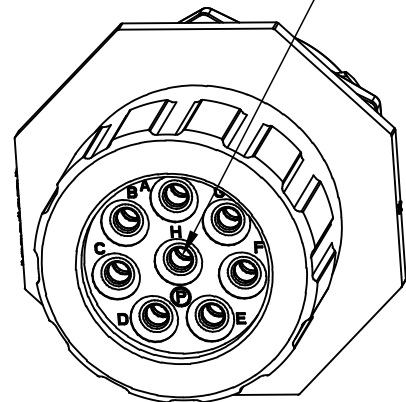


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	Nov-16-2017	Nick	Tommy
A2	--	UPDATE DRAWING	Mar-21-2018	White	Tommy

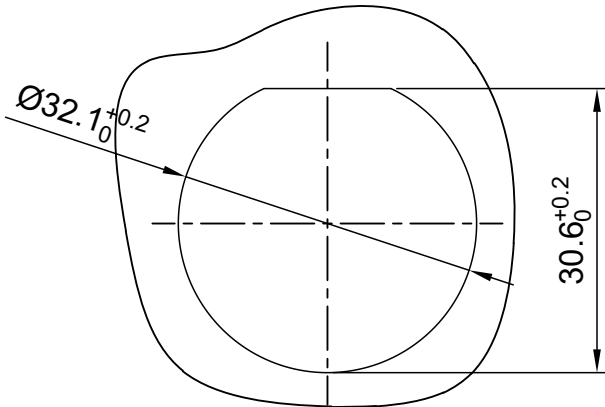


SEALING PLUGS CAN BE
PURCHASED SEPARATELY



NOTES : (UNLESS OTHERWISE SPECIFIED)

- MATERIAL :
SHELL : THERMOPLASTIC , UL94 V-0.
INSERT : THERMOPLASTIC , UL94 V-0.
O-RING : NBR/SILICONE RUBBER.
SEAL GASKET : NBR/SILICONE RUBBER.
JAM NUT : ALUMINIUM ALLOY , BLACK ANODIZING.
END CAP : THERMOPLASTIC , UL94 V-0.
PLASTIC RING : THERMOPLASTIC , UL94 V-0.
WIRE SEAL : SILICONE RUBBER.
- SPECIFICATIONS :
2.1 RATED CURRENT : 23A 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.
- SUITABLE CONTACTS : 2.5MM CONTACT.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS718N8PHEC	RTS718N8PHEC03

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 DATE Mar-21-2018 Mar-21-2018 Mar-21-2018	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		CUSTOMER:	ECO-MATE,RECEPTACLE, JAM NUT, SIZE 18,8POS,PIN,END CAP
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 B TYPE C- DWG NO: RTS718*8PHECxx REVISION A2
NEXT ASSY:		SCALE: NONE	SHEET 1 OF 1

TITLE: ECO-MATE,RECEPTACLE,JAM NUT,SIZE 18,8POS,PIN,END CAP

DWG NO:

RTS718*8PHECxx

REV: A2

SH: 1

OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 12 Options

Machined, Crimp Contacts				
Part Number		Contact Size (AWG)	Wire Range (mm²)	Plating
Male	Female			
MP12B23T	MS12B23T	14-12AWG	2.3-3.5mm²	Tin
MP12B23S	MS12B23S	14-12AWG	2.3-3.5mm²	Silver
MP12B23F	MS12B23F	14-12AWG	2.3-3.5mm²	Gold Flash
MP12B23G5	MS12B23G5	14-12AWG	2.3-3.5mm²	Gold 5µ"
MP12B23G10	MS12B23G10	14-12AWG	2.3-3.5mm²	Gold 10µ"
MP12B23G15	MS12B23G15	14-12AWG	2.3-3.5mm²	Gold 15µ"
MP12B23G30	MS12B23G30	14-12AWG	2.3-3.5mm²	Gold 30µ"

Machined, Tooling	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm contact
UH2-5	Universal Locator, Fits AF8 and WA27F
AF8	Hand Crimper
WA27F	Pneumatic Crimper

Plating Options, All	
Symbol	Plating
T	Tin Plated
S	Silver Plated
F	Gold Flash
G5	Gold 5µ" (Thickness 5µ")
G10	Gold 10µ" (Thickness 10µ")
G15	Gold 15µ" (Thickness 15µ")
G30	Gold 30µ" (Thickness 30µ")

Stamped & Formed , Crimp Contacts				
Part Number		Contact Size (AWG)	Wire Range (mm²)	Plating
Male	Female			
SP12A1T	SS12A1T	14-12AWG	2.5-3.5mm²	Tin

Stamped & Formed, Tooling	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm Contact
MFY-3962	Hand Tool, Stamped & Formed Contact, 2.5mm Contact

Misc Tooling, All	
Part Number	Description
CA-4012-59	Sealing Plug, Size 12

Standard Quantity Order Options	
Machined	Bag, 500 Pieces
Stamped & Formed	Reel, 1000 Pieces