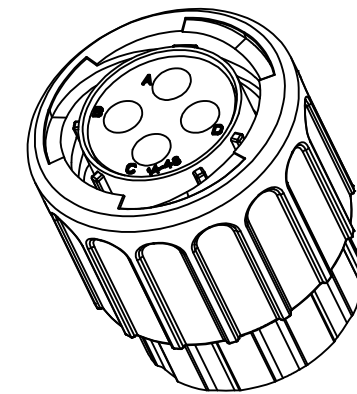
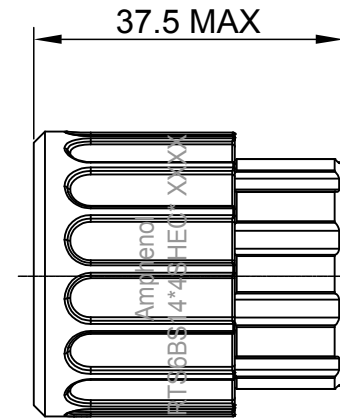
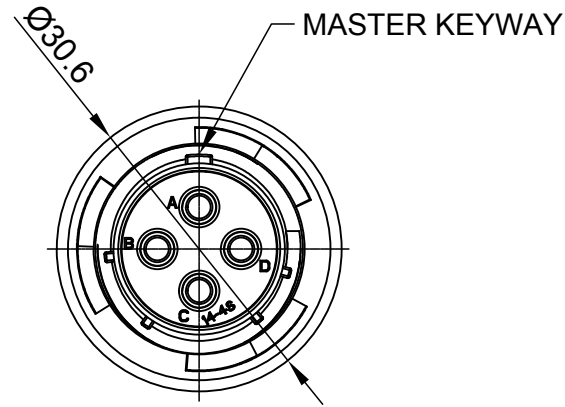


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	JUN-14-16	JARRY	TOMMY
A2	--	UPDATE NOTES	Jun-22-2017	Nick	TOMMY



NOTES : (UNLESS OTHERWISE SPECIFIED)

- 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.
- 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.
  - 2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
  - 2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 2.5MM CONTACT.
- 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
2.5MM	Ø3.3MM	Ø4.3MM	12 - 14AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS6BS14N4SHEC	RTS6BS14N4SHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM												
<b>MATERIALS LIST</b>															
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		<table border="1"> <thead> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN: Nick</td> <td>Jun-22-2017</td> </tr> <tr> <td>CHECKED: Tod</td> <td>Jun-22-2017</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: Tommy</td> <td>Jun-22-2017</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </tbody> </table>		SIGNATURES	DATE	DRAWN: Nick	Jun-22-2017	CHECKED: Tod	Jun-22-2017	ENGINEER:		APPROVAL: Tommy	Jun-22-2017	CUSTOMER:	
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APPROVAL: Tommy	Jun-22-2017														
CUSTOMER:															
MATERIAL SPECIFICATIONS:		<p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>													
PROCESS SPECIFICATIONS:		<p>ECO-MATE, PLUG, END CAP, SIZE 14,4POS, SOCKET</p>													
NEXT ASSY:		<table border="1"> <thead> <tr> <th>SIZE</th> <th>TYPE</th> <th>DWG NO:</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>C-</td> <td>RTS6BS14*4SHECxx</td> <td>A2</td> </tr> </tbody> </table>		SIZE	TYPE	DWG NO:	REVISION	B	C-	RTS6BS14*4SHECxx	A2				
SIZE	TYPE	DWG NO:	REVISION												
B	C-	RTS6BS14*4SHECxx	A2												
SCALE: NONE		SHEET 1 OF 1													

TITLE: ECO-MATE, PLUG, END CAP, SIZE 14,4POS, SOCKET  
DWG NO: RTS6BS14\*4SHECXX  
REV: A2  
SH: 1  
OF: 1

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

Machined, Crimp Contacts				
Part Number		Contact Size (AWG)	Wire Range (mm <sup>2</sup> )	Plating
Male	Female			
MP12B23T	MS12B23T	14-12AWG	2.3-3.5mm <sup>2</sup>	Tin
MP12B23S	MS12B23S	14-12AWG	2.3-3.5mm <sup>2</sup>	Silver
MP12B23F	MS12B23F	14-12AWG	2.3-3.5mm <sup>2</sup>	Gold Flash
MP12B23G5	MS12B23G5	14-12AWG	2.3-3.5mm <sup>2</sup>	Gold 5μ"
MP12B23G10	MS12B23G10	14-12AWG	2.3-3.5mm <sup>2</sup>	Gold 10μ"
MP12B23G15	MS12B23G15	14-12AWG	2.3-3.5mm <sup>2</sup>	Gold 15μ"
MP12B23G30	MS12B23G30	14-12AWG	2.3-3.5mm <sup>2</sup>	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 (mm <sup>2</sup> )	Plating
Male	Female			
SP12A1T	SS12A1T	14-12AWG	2.5-3.5mm <sup>2</sup>	Tin

Stamped & Formed, Tooling	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm Contact
MFX-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