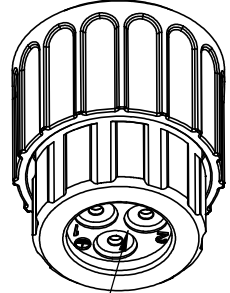
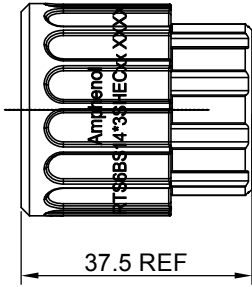
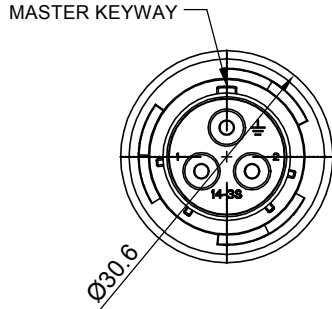


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Oct-25-2018	Blink	Tommy
A2	-	UPDATE DRAWING	Feb-19-2019	Blink	Tommy



SEALING PLUGS CAN BE PURCHASED SEPARATELY

**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 : 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 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 : 8# CONTACT.**

CONTACT SIZE	CONTACT PN	WIRE RANGE	Insulation Overall Diameter(min-max)
8#	MS10A23x	12-10AWG	φ2.8mm - φ4.1mm

IN THE CONTACT PN,"x" DENOTE DIFFERENT PLATING.

**4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.**

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
(A2) N	RTS6BS14N3SHEC	RTS6BS14N3SHEC03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
<b>UNLESS OTHERWISE SPECIFIED</b> 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 =		<b>SIGNATURES DATE</b> DRAWN: Blink Feb-19-2019 CHECKED: Tod Feb-19-2019 ENGINEER: APPROVAL: Tommy Feb-19-2019	
<b>MATERIAL SPECIFICATIONS:</b>  <b>PROCESS SPECIFICATIONS:</b>  <b>NEXT ASSY:</b>		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036  ECO-MATE, PLUG, END CAP SIZE 14, 3 POS, SOCKET  <b>SIZE</b> TYPE DWG NO. <b>RTS6BS14*3SHECxx</b> <b>REVISION</b> <b>A2</b> SCALE: NONE SHEET 1 of 1	

TITLE: ECO-MATE, PLUG, END CAP, SIZE 14, 3 POS, SOCKET DWG NO.: RTS6BS14\*3SHECxx REV: A2 SH: 1 OF: 1

**ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm (1403 Insert Arrangement) Options**

<b>Crimp Contacts, 1403 Insert Arrangement, Machined</b>					
<b>Part Number</b>		<b>AWG</b>	<b>Wire Range (mm<sup>2</sup>)</b>	<b>For Use w Endcap</b>	<b>Plating</b>
<b>Male</b>	<b>Female</b>				
MP10A23T-10	MS10A23T-10	8	10.0	No	Tin
MP10A23S-10	MS10A23S-10	8	10.0	No	Silver
MP10A23F-10	MS10A23F-10	8	10.0	No	Gold Flash
MP10A23G5-10	MS10A23G5-10	8	10.0	No	Gold 5μ"
MP10A23G10-10	MS10A23G10-10	8	10.0	No	Gold 10μ"
MP10A23G15-10	MS10A23G15-10	8	10.0	No	Gold 15μ"
MP10A23G30-10	MS10A23G30-10	8	10.0	No	Gold 30μ"
MP10A23S-63	MS10A23S-63	12-10	4.0 - 6.0	No	Silver
MP10A23F-63	MS10A23F-63	12-10	4.0 - 6.0	No	Gold Flash
MP10A23TL	MS10A23T	12-10	3.0 - 6.0	Yes	Tin
MP10A23SL	MS10A23S	12-10	3.0 - 6.0	Yes	Silver
MP10A23FL	MS10A23F	12-10	3.0 - 6.0	Yes	Gold Flash
MP10A23G5L	MS10A23G5	12-10	3.0 - 6.0	Yes	Gold 5μ"
MP10A23G10L	MS10A23G10	12-10	3.0 - 6.0	Yes	Gold 10μ"
MP10A23G15L	MS10A23G15	12-10	3.0 - 6.0	Yes	Gold 15μ"
MP10A23G30L	MS10A23G30	12-10	3.0 - 6.0	Yes	Gold 30μ"
MP10A23S-25	MS10A23S-25	16-14	1.5 - 2.5	No	Silver
MP10A23F-25	MS10A23F-25	16-14	1.5 - 2.5	No	Gold Flash

<b>Tooling, Machined</b>	
<b>Part Number</b>	<b>Description</b>
QXRT08	Contact Extraction Tool, # 8 (Ø 3.6mm) Contact
M300BT	Hand Crimper
WA27-300BT-EP	Pneumatic Crimper
TP968	Locator M3200BT and WA27-300BT-EP

<b>Plating Options</b>	
<b>Symbol</b>	<b>Plating</b>
T	Tin Plating Over Nickel
S	Silver Plating Over Nickel
F	Gold Plated
G5	Gold Plated (Thickness 5μ")
G10	Gold Plated (Thickness 10μ")
G15	Gold Plated (Thickness 15μ")
G30	Gold Plated (Thickness 30μ")