



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	AUG-09-16	JARRY	TOMMY
A2	--	UPDATE NOTES	Jun-22-2017	Nick	TOMMY
A3	--	UPDATE CABLE OD RANGE	Aug-24-2017	Nick	TOMMY
A4	--	UPDATE CABLE OD RANGE	Feb-07-2018	Nick	TOMMY
A5	--	UPDATE DRAWING	Mar-19-2018	White	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.
 BACK SHELL : THERMOPLASTIC , UL94 V-0.
 CLAMP NUT : THERMOPLASTIC , UL94 V-0.
 CLAMP RING : THERMOPLASTIC , UL94 V-0.
 CABLE SEAL : EPDM.
- 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.
 2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
 2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 2.5MM CONTACT.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

DIMENSION ØA	CABLE OD RANGE
12.3MM	6.0-12.0MM
14.3MM	9.0-14.0MM

KEY	PART NUMBER	
		-40°C ~ +105°C
N	RTS6BS14N4P	RTS6BS14N4P03

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 =		<table border="1"> <thead> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN: White</td> <td>Mar-19-2018</td> </tr> <tr> <td>CHECKED: Tod</td> <td>Mar-19-2018</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: Tommy</td> <td>Mar-19-2018</td> </tr> </tbody> </table>		SIGNATURES	DATE	DRAWN: White	Mar-19-2018	CHECKED: Tod	Mar-19-2018	ENGINEER:		APPROVAL: Tommy	Mar-19-2018				
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MATERIAL SPECIFICATIONS:		<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>															
PROCESS SPECIFICATIONS:		<p>ECO-MATE, PLUG, BACK SHELL, SIZE 14,4POS,PIN</p>															
NEXT ASSY:		<table border="1"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO:</td> <td>REVISION</td> </tr> <tr> <td>B</td> <td>C-</td> <td>RTS6BS14*4Pxx</td> <td>A5</td> </tr> </table>	SIZE	TYPE	DWG NO:	REVISION	B	C-	RTS6BS14*4Pxx	A5	<table border="1"> <tr> <td>SCALE:</td> <td>SHEET</td> <td>OF</td> </tr> <tr> <td>NONE</td> <td>1</td> <td>1</td> </tr> </table>	SCALE:	SHEET	OF	NONE	1	1
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B	C-	RTS6BS14*4Pxx	A5														
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NONE	1	1															

TITLE: ECO-MATE PLUG BACK SHELL SIZE 14,4POS,PIN
 DWG NO: RTS6BS14*4Pxx
 REV: A5
 SH: 1
 OF: 1

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

Crimp Contacts, Machined				
Part Number		AWG	Wire Range (mm ²)	Plating
Male	Female			
N/A				

Tooling, Machined	
Part Number	Description
N/A	N/A
N/A	N/A

Plating Options, All	
Symbol	Plating
N/A	N/A

Crimp Contacts, Stamped & Formed				
Part Number		AWG	Wire Range (mm ²)	Plating
Male	Female			
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin

Tooling, Stamped & Formed	
Part Number	Description
QXRT12S	Contact Extraction Tool, 2.5mm Contact
MFV-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	Stamped & Formed
N/A	Reel, 1000 Pieces