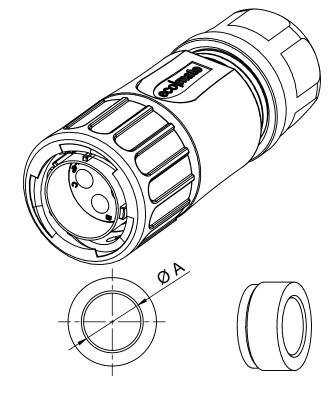


REVISIONS							
REV	ECO	DESCRIPTION	DATE	BY	APPR		
A1		RELEASED DRAWING	AUG-09-16	JARRY	TOMMY		
A2	-	UPDATE NOTES	Jun-22-2017	Nick	TOMMY		
A3	1	UPDATE CABLE OD RANGE	Aug-24-2017	Nick	TOMMY		
A4	1	UPDATE CABLE OD RANGE	Feb-07-2018	Nick	TOMMY		
A5	1	UPDATE DRAWING	Mar-19-2018	White	Tommy		



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. 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.

2. 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.

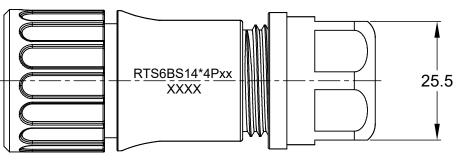
2.6 IP CLASS: IP67 AND IP69K IN THE MATED CONDITION.

2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.

2.8 Rohs Compliant.

3. SUITABLE CONTACTS: 2.5MM CONTACT.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



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

KFY	PART NUM	IBER
NE I	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS6BS14N4P	RTS6BS14N4P03

QUANTITY	PART N	IUMBER		DE	SCRIPTION		ITEM
		MA	TERI	ALS LI	ST		
UNLESS OTHERWISE SPECIFIED		SIGNATURI	S DATE	Amphenol			
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 ±0.15 3 PL DEC ±0.08 Angles ±1° MATERIAL SPECIFICATIONS:		DRAWN: White	Mar-19-2018		unpne		
		CHECKED: Tod	Mar-19-2018	Sine Systems - www.amphenol-sine.co		ine.com	
		ENGINEER:			24 Morley Drive ton Township, MI 48036		
		APPROVAL: Tommy	Mar-19-2018				
				ECC	O-MATE,PLUG,BAC	,	
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPL INFORMATION ONLY, DES			SIZE 14,4POS,F	PIN	
		SPECIFICATIONS AND PE SHOWN HEREON ARE TH THE AMPHENOL CORPOR OF REPRODUCTION ARE DIMENSIONS ARE SUBJE	RFORMANCE DATA E PROPERTY OF RATION. NO RIGHTS IMPLIED. ALL	B C-	RTS6BS14	*4Pxx	A5
		MANUFACTURING VARIA	TIONS.	SCALE: NONE		sheet 1	of 1

S14°4Pxx | \(\frac{\text{NEV}}{2}\) A5

- -

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

Crimp Contacts, Machined					
Part	Number	AWG	Mira Danas (mass)	Distinct.	
Male Female		AWG	Wire Range (mm²)	Plating	
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 N	AWG	Wire Range	Plating		
Male	Female	AWG	(mm²)	ridiling	
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin	

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

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

Standard Quantity Order Options Machined Stamped & Formed		