



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.
 PLASTIC RING : THERMOPLASTIC , UL94 V-0.
 CABLE SEAL : NBR OR SILICONE RUBBER.
- SPECIFICATIONS :
 2.1 RATED CURRENT : 13A (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 : 16# 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	RTS6BS14N7P	RTS6BS14N7P03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES DATE	
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		White	Mar-19-2018
3) Note reference =		Tod	Mar-19-2018
MATERIAL SPECIFICATIONS:		ENGINEER:	
PROCESS SPECIFICATIONS:		APPROVAL: Tommy	Mar-19-2018
NEXT ASSY:		CUSTOMER:	
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		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
		ECO-MATE, PLUG, BACK SHELL, SIZE 14,7POS,PIN	
SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS14*7Pxx	A5
SCALE: NONE		SHEET 1	OF 1

TITLE: ECO-MATE, PLUG, BACK SHELL, SIZE 14,7POS,PIN
 DWG NO: RTS6BS14*7Pxx
 REV: A5
 SH: 1
 OF: 1