



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	AUG-10-16	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-08-2018	Nick	TOMMY
A5	--	UPDATE DRAWING	Mar-19-2018	White	Tommy
A6	--	UPDATE DRAWING	Apr-10-2018	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 :
 - RATED CURRENT : 5A (MAX).
 - RATED VOLTAGE : 250V(AC/DC).
 - OPERATING TEMPERATURE : SEE TABLE.
 - DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
 - INSULATION RESISTANCE : 5000 MEGOHMS MIN.
 - IP CLASS : IP67 AND IP69K IN THE MATED CONDITION.
 - MATING CYCLES DURABILITY : 500 CYCLES MIN.
 - RoHS COMPLIANT.
- SUITABLE CONTACTS : 20# 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	-40°C ~ +125°C
N	RTS6BS14N19P	RTS6BS14N19P03

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 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: White Apr-10-2018 CHECKED: Tod Apr-10-2018 ENGINEER: APPROVAL: Tommy Apr-10-2018 CUSTOMER:	
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 ECO-MATE, PLUG, BACK SHELL, SIZE 14, 19POS, PIN	
PROCESS SPECIFICATIONS:			
NEXT ASSY:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
SCALE: NONE		SIZE: B TYPE: C- DWG NO: RTS6BS14*19Pxx REVISION: A6	SHEET 1 OF 1

TITLE: ECO-MATE, PLUG, BACK SHELL, SIZE 14, 19POS, PIN
 DWG NO: RTS6BS14*19Pxx
 REV: A6
 SH: 1
 OF: 1