



- 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.
 - 2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
 - SUITABLE CONTACTS : 2.5MM CONTACT.
 - ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

DIMENSION ϕA	CABLE OD RANGE
12.3MM	7.0-12.0MM
14.3MM	9.0-14.0MM

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

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

TITLE: ECO-MATE,PLUG,BACK SHELL,SIZE 14,4POS,PIN
 DWG NO: RTS6BS14*4P*
 REV: A3
 SH: 1
 OF: 1

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		Amphenol	
1) All dimensions are in metric(mm).		Sine Systems - www.amphenol-sine.com	
2) PL DEC ±0.15 Angles ±1°		44724 Morley Drive	
3) Note reference = Δ		Clinton Township, MI 48036	
SIGNATURES		CUSTOMER:	
DRAWN: Nick Aug-24-2017		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.	
CHECKED: Tod Aug-24-2017		SIZE B	
ENGINEER:		TYPE C-	
APPROVAL: Tommy Aug-24-2017		DWG NO: RTS6BS14*4P*	
MATERIAL SPECIFICATIONS:		REVISION A3	
PROCESS SPECIFICATIONS:		SCALE NONE	
NEXT ASSY:		SHEET 1 OF 1	