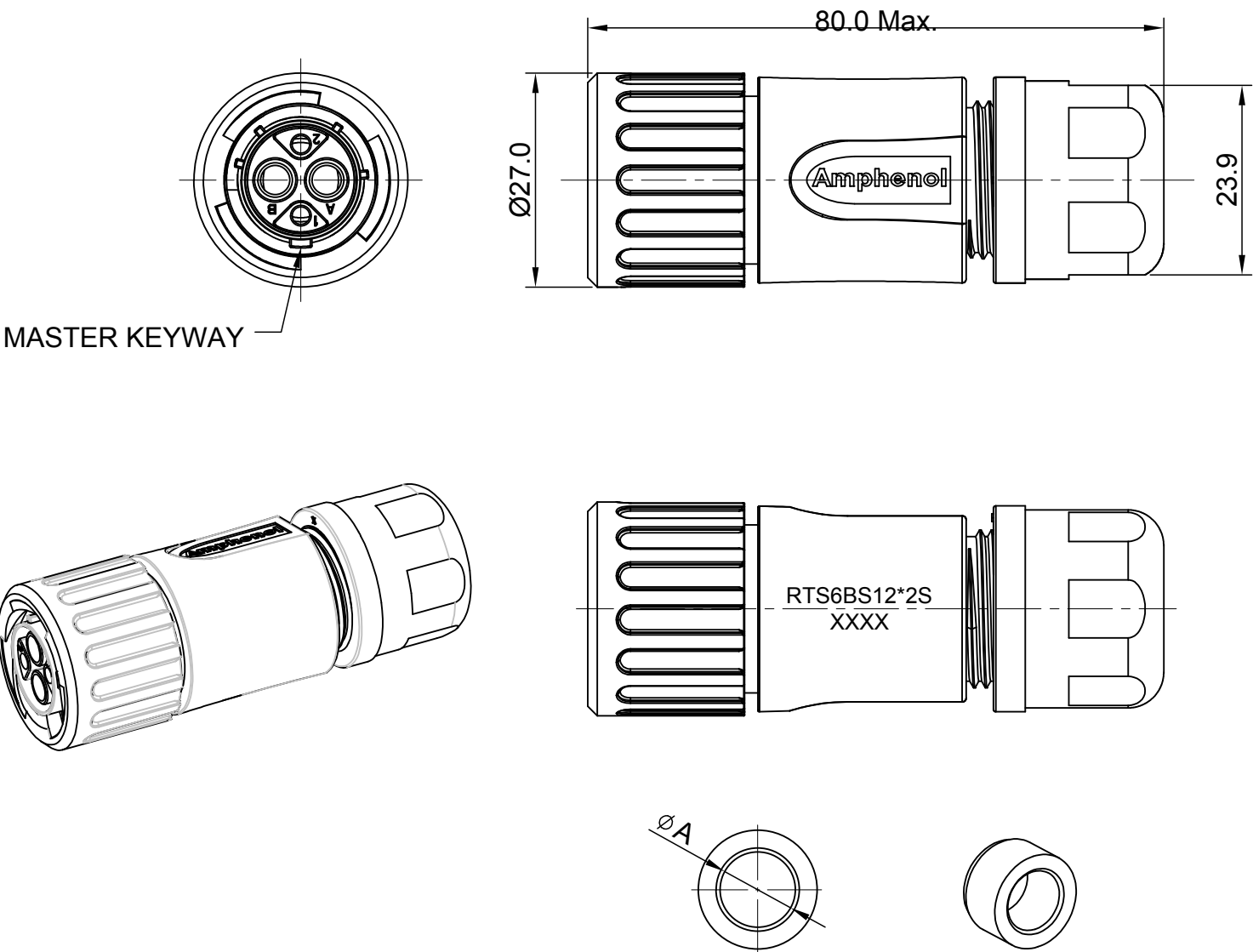




DIMENSION ϕA	CABLE OD RANGE
9.5 MM	6.0~9.0MM
12.2 MM	8.5~12.0MM

KEY	PART NUMBER	
	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS6BS12N2S	RTS6BS12N2S03

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	FIRST RELEASED	Aug-10-2016	Ben	Tommy
A2	--	UPDATE TECHNICAL PARAMETERS	Jun-21-2017	Nick	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 : 2.5mm CONTACT: 23A (MAX).
20# CONTACT: 5A (MAX).
2.2, RATED VOLTAGE : 350V(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. 2.8, RoHS COMPLIANT.
 - SUITABLE CONTACTS : 2.5mm CONTACT.
20# CONTACT.
 - ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric (mm).		DRAWN: Nick	Jun-21-2017
2) Tolerances as follows: 1) DEC ±0.15 2) PL DEC ±0.08 3) Note reference = X		CHECKED: Tod	Jun-21-2017
		ENGINEER:	
		APPROVAL: Tommy	Jun-21-2017
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		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.	
NEXT ASSY:			
		SIZE B	TYPE C
		SCALE NONE	
		DWG NO: RTS6BS12*2Sxx	REVISION A2
		SHEET 1	OF 1

TITLE: ECO-MATE,PLUG,STRAIGHTER,2POS,SOCKET CONTACT,SIZE 12
DWG NO: RTS6BS12*2Sxx
REV: A2
SH: 1
OF: 1

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