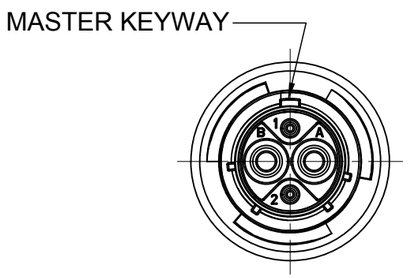
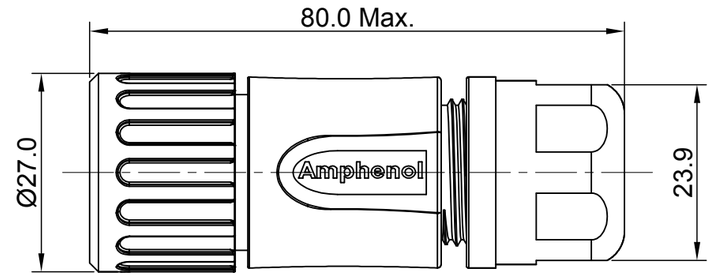
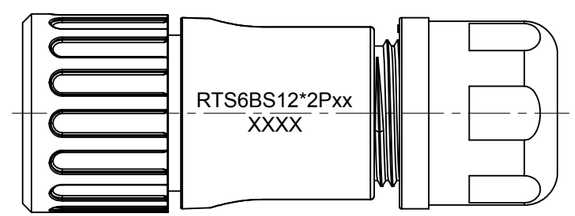
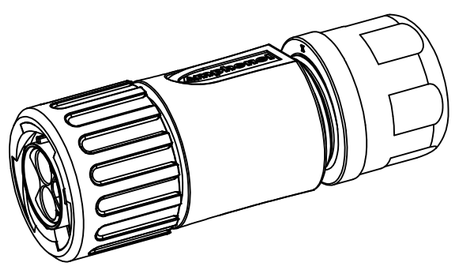
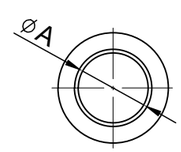
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	FIRST RELEASED	Aug-10-2016	Ben	Tommy
A2	--	UPDATE NOTES	Jun-20-2017	Nick	Tommy
A3	--	UPDATE DRAWING	Mar-19-2018	White	Tommy
A4	--	UPDATE DRAWING	Apr-10-2018	White	Tommy

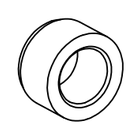












NOTES : (UNLESS OTHERWISE SPECIFIED)

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.
   - CALMP RING : THERMOPLASTIC , UL94 V-0.
   - CABLE SEAL : EPDM.
2. 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 IN THE MATED CONDITION.
   - 2.7, MATING CYCLES DURABILITY : 500 CYCLES MIN.
   - 2.8, RoHS COMPLIANT.
3. SUITABLE CONTACTS : 2.5mm CONTACT.
   20# PIN CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

DIMENSION ØA	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	RTS6BS12N2P	RTS6BS12N2P03

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 = x

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	White	Apr-10-2018
CHECKED:	Tod	Apr-10-2018
ENGINEER:		
APPROVAL:	Tommy	Apr-10-2018
CUSTOMER:		

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

ECO-MATE,PLUG,STRAIGHTER,
4 POS(2+2),PIN CONTACT,SIZE 12

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS6BS12*2Pxx	A4

SCALE: NONE SHEET 1 OF 1

TITLE: ECO-MATE,PLUG,STRAIGHTER,4 POS(2+2),PIN CONTACT,SIZE 12
DWG NO: RTS6BS12*2Pxx
REV: A4
SH: 1
OF: 1