

# TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -50~+155 °C
3. Withstanding voltage: 250 V rms
4. Frequency range: 0~2.7 GHz
5. Durability: 500 cycles
6. Cable assembly to be 100% tested for continuity

## 7. MATERIALS AND FINISHES

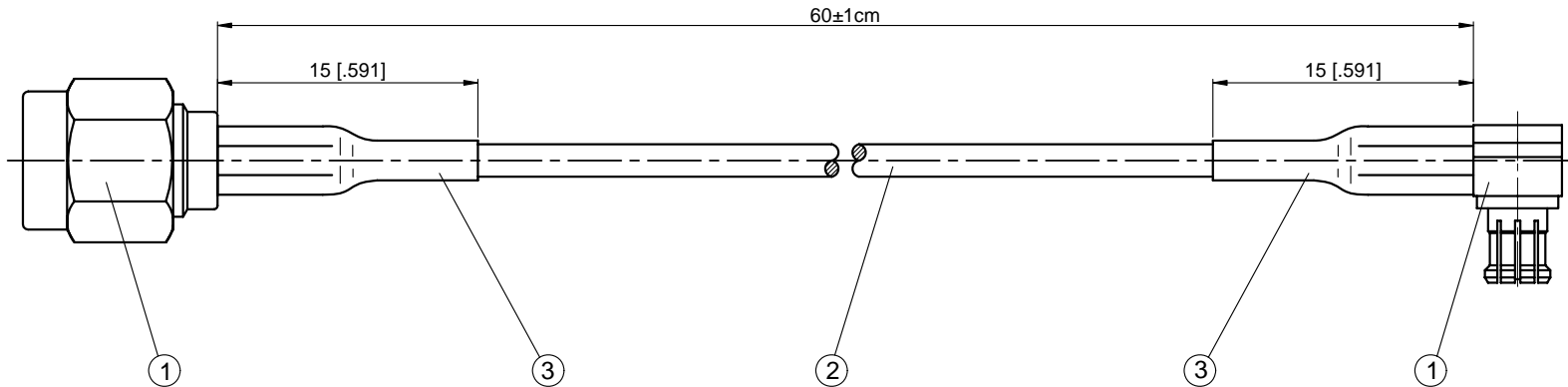
### SMA Straight Male Connector:

- Body - Brass plated Gold
- Center contact - Brass plated Gold
- Insulator - PTFE
- Coupling Nut - Brass plated Gold
- Gasket - Silicone Rubber

### MCX Right Angle Male:

- Body - Brass & Phosphor Bronze plated Gold
- Center contact - Brass plated Gold
- Insulator - PTFE

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	01/29/2013	M. Dong



4	HSTD-4-BK	4mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	2
3	RG178	Flexible RG178 Coax Cable Single shielded with Tan FEP Jacket	1
2	30-13-1M12-006	MCX Right Angle Male Crimp for RG178 Cable	1
1	60-03-1M12-008	SMA Straight Male Crimp for RG178 Cable	1
S/N	Part No.	Description	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].  
 UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:  
 .XX ±0.13 [.005"]  
 .X ±0.20 [.008"]  
 X ±0.50 [.019"]  
 ANGULAR TOLERANCES ARE: ALL±1°  
 OVERALL CABLE LENGTH TOLERANCES ARE: ±2%

DRAWN:	L. Ma	01/29/2013
CHECKED:	J. Zhu	01/29/2013
APPROVED:	M. Dong	01/29/2013

TITLE:  
 Cable Assembly, SMA Straight Male to MCX Right Angle Male, RG178 Cable, 60cm

**CMP TER**<sup>®</sup>  
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PART No.:  
 CA178-SMAM-MCXRAM-60cm-308

SIZE: A4	SCALE: 2.5:1	SHEET: 1/1	REV: A
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## NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

DO NOT SCALE DRAWING

PROJECTION: