

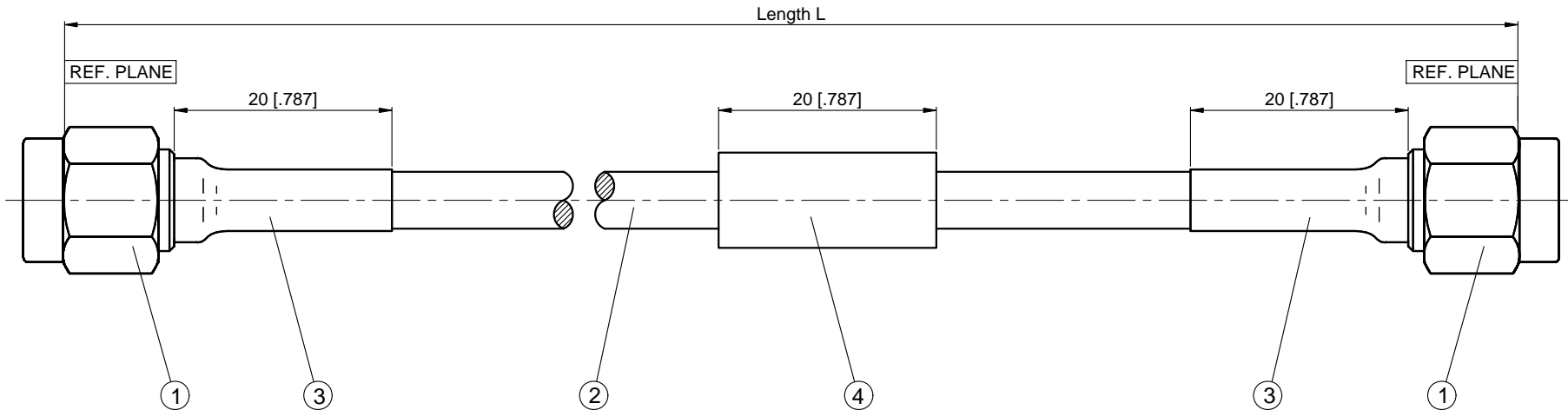
## TECHNICAL DATA

1. Impedance: 50  $\Omega$
2. Temp. range: -55~+125  $^{\circ}\text{C}$
3. Durability: 500 Cycles
4. Withstanding voltage: 500 V
5. Frequency range: 0~18 GHz
6. VSWR:  $\leq 1.30$
7. Cable assembly to be 100% tested by VNA

### 8. MATERIALS AND FINISHES

SMA Straight Male Connector:

- Body - Brass plated Gold
- Coupling Nut - Stainless Steel, Passivated
- Center contact - Beryllium Copper Alloy plated Gold
- Insulator - PTFE
- Gasket - Silicone Rubber



Part No.	Length L (inch)
CA141HF-SMAM-SMAM-6-589	6 $\pm$ 0.1
CA141HF-SMAM-SMAM-12-590	12 $\pm$ 0.2
CA141HF-SMAM-SMAM-16-591	16 $\pm$ 0.3
CA141HF-SMAM-SMAM-20-592	20 $\pm$ 0.4
CA141HF-SMAM-SMAM-32-593	32 $\pm$ 0.6

4	HST-6-CL	6mm Diameter Heat-shrinkable Tube (transparent, not shrunk)	1
3	HST-6-BK	6mm Diameter Heat-shrinkable Tube (Black)	2
2	HF141-FEP	Hand Formable Coax Cable 0.141 Diameter With Tinned Braid Outer Conductor and Bule FEP Jacket	1
1	60-03-2M06-180	SMA Straight Male Solder for RG402/141 Cable	2
S/N	Part No.	Description	QTY

RoHS Compliant

#### NOTES:

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE: XX $\pm 0.13$ [.005"] X $\pm 0.20$ [.008"] X $\pm 0.50$ [.019"] ANGULAR TOLERANCES ARE: ALL $\pm 1^{\circ}$ OVERALL CABLE LENGTH TOLERANCES ARE: $\pm 2\%$	
DO NOT SCALE DRAWING	
PROJECTION:	

DRAWN:	L. Ma	03/28/2014
CHECKED:	J. Zhu	03/28/2014
APPROVED:	M. Dong	03/28/2014

TITLE:  
Cable Assembly, SMA Straight Male to SMA Straight Male, .141 Hand-Formable Cable

**CMPTEER**<sup>®</sup>

Cmptter Electronics Co., Ltd. [www.cmptter.com](http://www.cmptter.com)

PART No.:  
CA141HF-SMAM-SMAM-XXX-XXX

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