

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -20~+80 °C
3. Durability: 500 Cycles
4. Withstanding voltage: 500 Vrms
5. Frequency range: 0~3 GHz
6. Cable assembly to be 100% tested for continuity

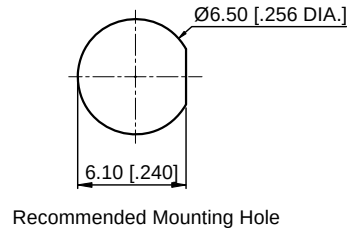
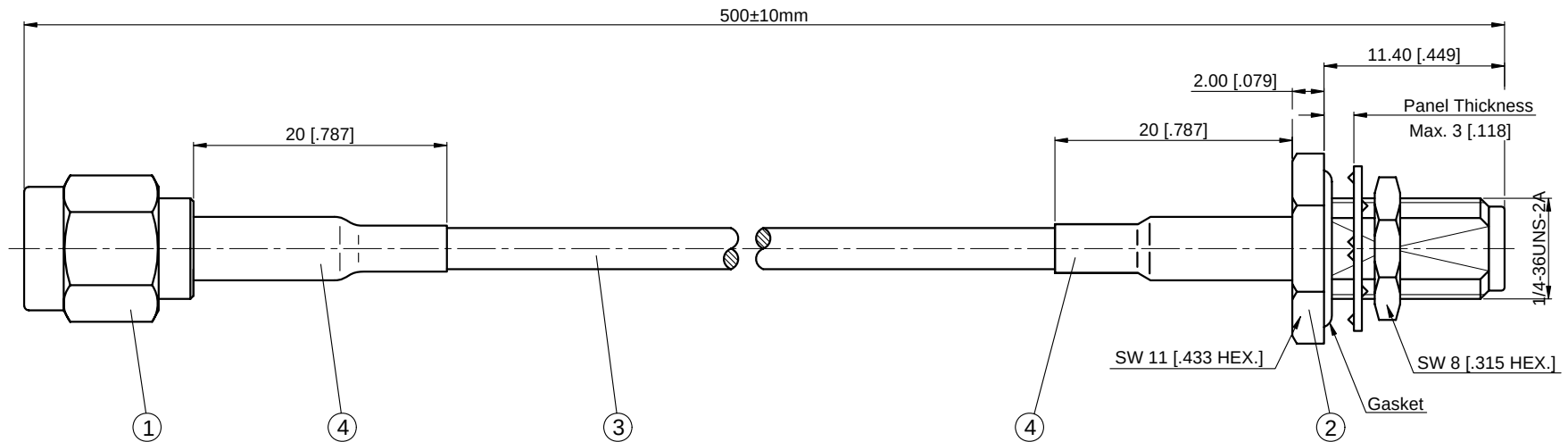
7. MATERIALS AND FINISHES

SMA Straight Male Connector
Body - Brass plated Gold
Center contact - Brass plated Gold
Coupling Nut - Brass plated Gold
Insulator - PTFE
Gasket - Silicone Rubber

SMA Straight Bulkhead Female Connector

Body - Brass plated Gold
Center contact - Beryllium Copper Alloy plated Gold
Insulator - PTFE
Washer - Beryllium Copper Alloy plated Gold
Fastening Nut - Brass plated Gold
Gasket - Silicone Rubber

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	07/24/2013	M. Dong



NOTES:

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

4	HST-4-BK	4mm Diameter Heat Shrink Tube	1
3	RG174	Flexible RG174 Coax Cable Single shielded with Black PVC Jacket	1
2	60-02-1B00-020	SMA Straight Waterproof Bulkhead Female Crimp for LMR100/ RG174/RG316 Cable	1
1	60-03-1M00-003	SMA Straight Male Crimp for LMR100/RG174/RG316 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 $\pm 1^\circ$
OVERALL CABLE LENGTH TOLERANCES ARE: $\pm 2\%$

DO NOT SCALE DRAWING

PROJECTION:



DRAWN: L. Ma 07/24/2013
CHECKED: J. Zhu 07/24/2013
APPROVED: M. Dong 07/24/2013

TITLE:

Cable Assembly, SMA Straight Male to SMA Straight Waterproof Bulkhead Female, RG174 Cable, 500mm

CMPPTER[®]

Cmptter Electronics Co., Ltd. www.cmptter.com

PART No.:

CA174-SMAM-SMAFBW-500mm-395

SIZE:
A4

SCALE:
2.5:1

SHEET:
1/1

REV:
A