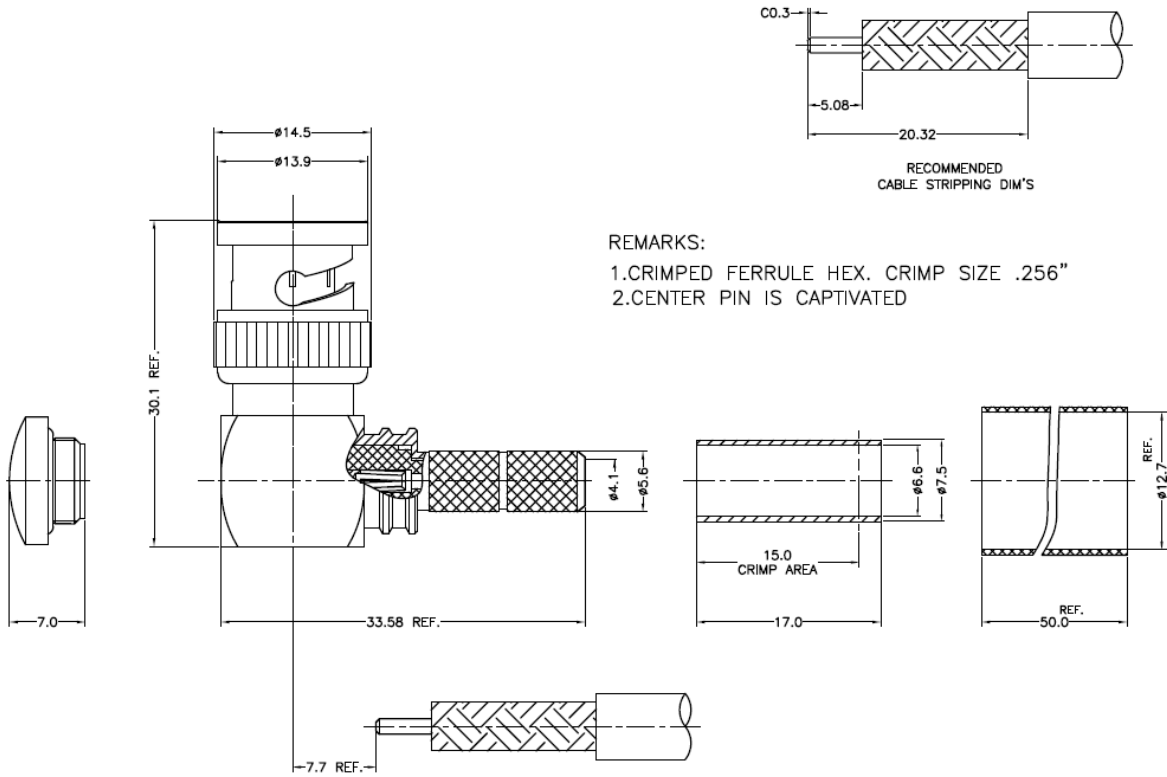


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	3/4/14	J. D. B.	3/12/14+



REMARKS:  
 1. CRIMPED FERRULE HEX. CRIMP SIZE .256"  
 2. CENTER PIN IS CAPTIVATED

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY/SHELL	BRASS PER C3604	ALBALOY 80 MIN/COPPER
CONTACT PIN	BRASS PER C3604	GOLD 50 MIN/NICKEL/ COPPER
INSULATOR	TEFLON MIL-P-19468	NATURAL
FERRULE	BRASS	ALBALOY 80 MIN/COPPER

ELECTRICAL CHARACTERISTICS	
Impedance	50 $\Omega$
Voltage rating	500V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	750V
Contact resistance	Center contact $\leq 3m\Omega$
	Outer contact $\leq 2m\Omega$
Insulation resistance	$\geq 5000M\Omega$
Insertion loss	(According to the cable)
RF- leakage	N/A
VSWR	1.35MAX@0-6GHz
(3rd Intermodulation)	N/A

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Center contact retention force	6 lbs MIN
Coupling torque	N/A
Coupling nut retention force	60 lbs
Durability	$\geq 500$ cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +155°C
Thermal shock	US MIL- STD 202, Meth. 107, Cond. B
Vibration	US MIL- STD 202, Meth. 204, Cond. B
Shock	US MIL- STD 202, Meth. 213, Cond. I
Climatic class	IEC 60068 65/165/21

MATL:  
SEE ABOVE

USED ON: ~

SCALE: N/A

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE IN mm

UNLESS OTHERWISE SPECIFIED:  
 1) EDGES  $\phi 0.15$  MAX;  
 2) REMOVE ALL BURRS;  
 3) SURFACE ROUGHNESS  $Ra1.6$ ;  
 4) UNITS: mm;  
 5) DIMENSIONS TOLERANCES

DECIMALS	ANGLES
.x $\pm 0.3$	$\pm 30$
.xx $\pm 0.2$	

DO NOT SCALE DRAWING

CODE IDENT 68999

DFTM. N. N. N

DATE 3/4/14

CHKD. J. D. B.

DATE 3/12/14

APPD. J. D. B.

DATE 3/12/14

TIMES MICROWAVE SYSTEMS

**EZ-240-BM-RA-X**

90° BNCM  
for LMR-240

1 of 1 | SD3190-2868 | REV. A