

# NOTES

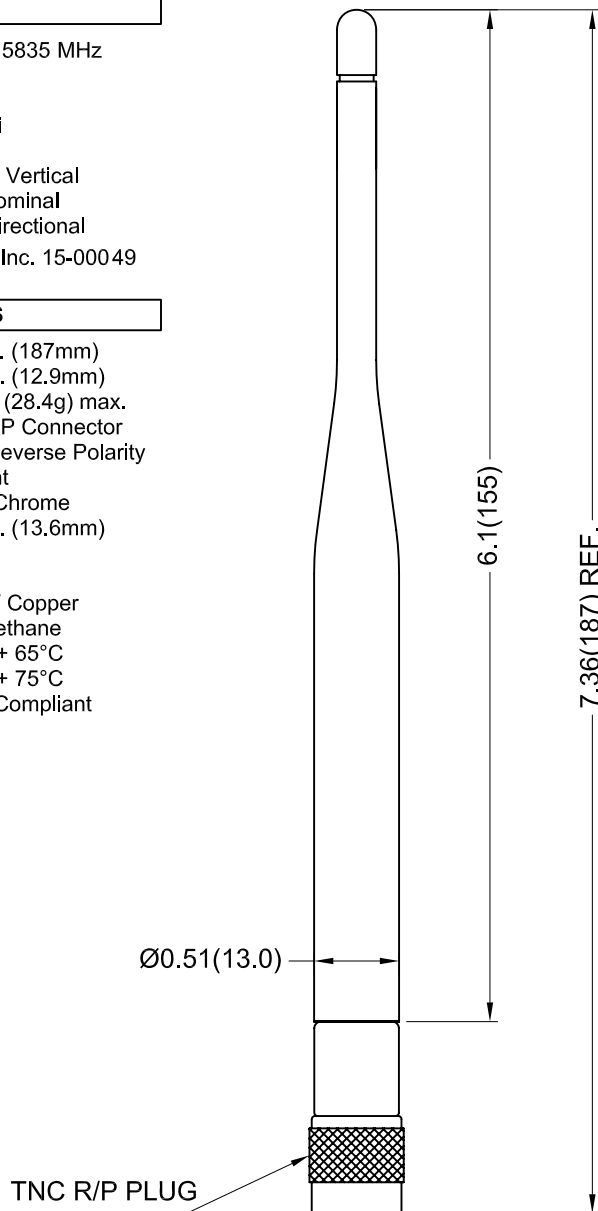
## ELECTRICAL PROPERTIES

FREQUENCY BAND: 5735 - 5835 MHz  
 VSWR<sup>(1)</sup>: <1.5:1  
 IMPEDANCE: 50Ω  
 GAIN: 4.5 dBi  
 POWER RATING: 10W  
 POLARIZATION: Linear, Vertical  
 E-PLANE HPBW: 35°, Nominal  
 H-PLANE HPBW: Omnidirectional

<sup>(1)</sup> VSWR Complies per E/M Wave Inc. 15-00049

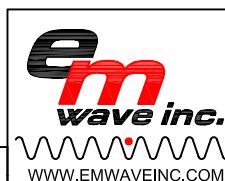
## MECHANICAL PROPERTIES

HEIGHT: 7.36 in. (187mm)  
 DIAMETER: 0.51 in. (12.9mm)  
 WEIGHT: 1.0 oz. (28.4g) max.  
 MOUNTING APPLICATION/TYPE: TNC RP Connector  
 CONNECTOR TYPE: TNC Reverse Polarity  
 CONNECTOR / BODY TYPE: Straight  
 CONNECTOR FINISH: Black Chrome  
 CONNECTOR DIAMETER: 0.54 in. (13.6mm)  
 COLOR: Black  
 TEXTURE: Light  
 RADIATOR MATERIAL: Brass / Copper  
 RADOME MATERIAL: Polyurethane  
 TEMPERATURE RANGE, OPERATING: -20 to + 65°C  
 TEMPERATURE RANGE, STORAGE: -30 to + 75°C  
 MATERIAL: RoHs Compliant



## REVISIONS

REV	ECN	DATE
-	-	--/--



5.375 - 5.835 GHz ANTENNA

## PROPRIETARY AND CONFIDENTIAL

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TOLERANCE  
 .xx = .01  
 .xxx = .005  
 Angle = ±1°

SCALE	DRAWN BY	DATE	SHEET
NONE	AB	11/13/11	1 OF 1
SIZE	DRAWING NO.	REVISION	
A	EM-P90703-TR-Z11	A	