

DM N43 SERIES

The DM N43-1, DM N43-3, and DM N43-4 are low silhouette antennas for use with 75 MHz marker beacon receivers. When properly mounted on the underside of an aircraft, the antennas provide a broad, single-lobed pattern directed downward. The radiation is polarized parallel to the long dimension of the antenna. Electrical elements of the antenna are completely sealed by foamed-in-place resin within a plastic housing. As a result, the DM N43-1 is rugged enough for use on all subsonic aircraft.

SPECIFICATIONS

ELECTRICAL	Frequency	74.75 – 75.25 MHz
	VSWR	Less than 5:1
		Less than 2:1 at 75 MHz
	Gain	-10 dB
	Impedance	50 Ohms
	Polarization	Horizontal
	Radiation Pattern	Hemispherical
	dc Resistance	Grounded
MECHANICAL	Connector	Type BNC Female UG-89
	Weight	1.0 lb
	Finish	White
ENVIRONMENTAL	FAA	TSO C35c
	D0138 ENV. CAT.	JA1 XXX
	Drag, Sea Level at 250 MPH	Less than 0.5 lbs

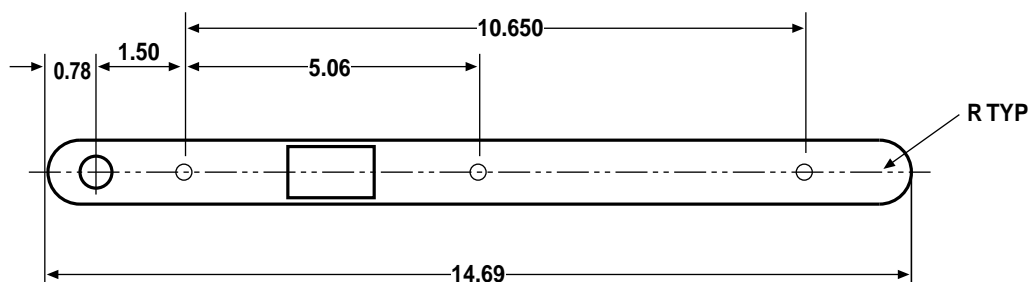
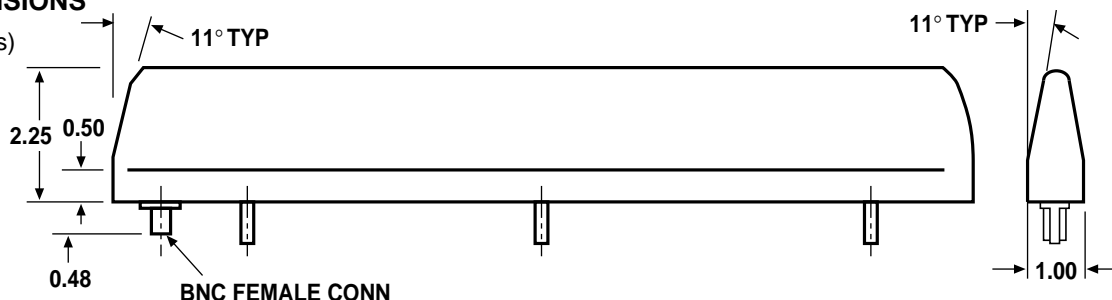
Specifications subject to change without notice.

1000-135 (M78)

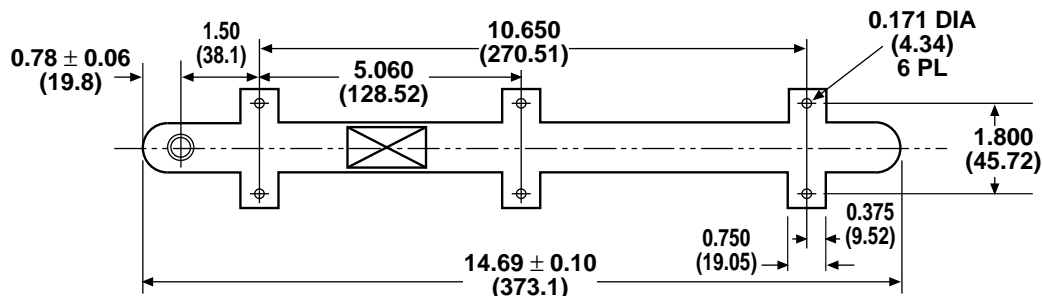
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OUTLINE DIMENSIONS

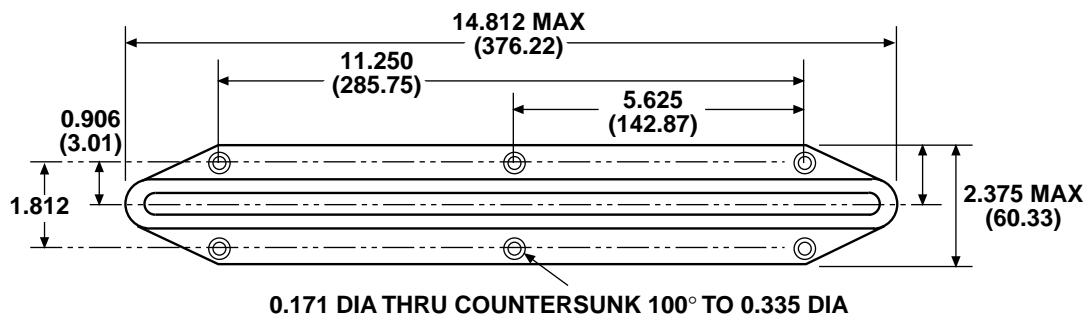
Inches (Centimeters)



DM N43-1



DM N43-3



DM N43-4