



DESCRIPTION

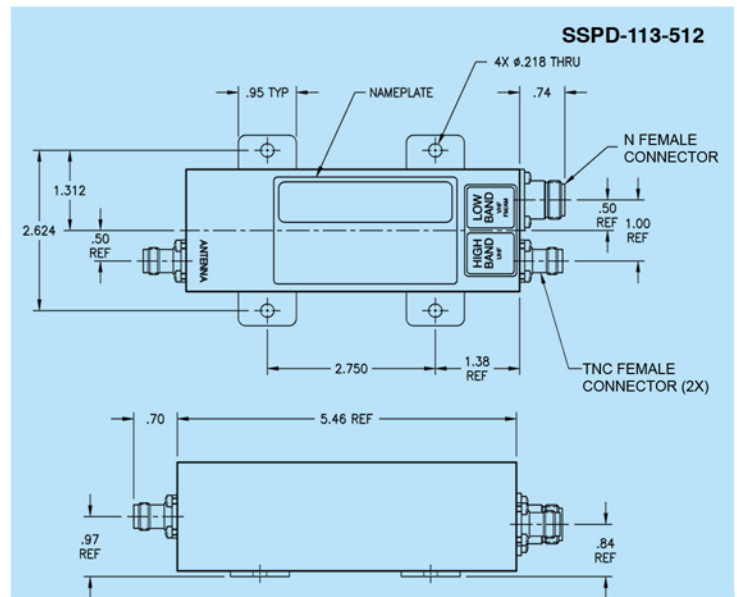
SSPD-113-512: Diplexer allows simultaneous operation of multiple VHF/UHF communication radios utilizing a single antenna, or the usage of multiple antennas connected to one radio. Diplexer covers 30-174 MHz and 225-512 MHz frequencies. 40 dB minimum isolation between bands. Hermetically sealed.

FEDERAL & MILITARY SPECS: MIL-E-5400

PERFORMANCE



SPECIFICATIONS	
MODEL	SSPD-113-512
ELECTRICAL	
Frequency	VHF-FM/AM: 30-174 MHz UHF: 225-512 MHz
VSWR	≤ 1.5:1
Insertion Loss	.5 dB
Isolation	40 dB Min.
EMI	MIL-I-6181
Power	100 Watts Avg. / 400 Watts Peak
MECHANICAL	
Weight	20 oz.
Length	5.50 in.
Height	1.84 in.
Width	3.12 in.
Material	6061-T6 Aluminum Alloy
Finish	Skydrol-Resistant Epoxy Enamel
Connectors	Low Band: N Female High Band/Antenna: TNC Female (2)
ENVIRONMENTAL	
Temperature	-54°C (-65°F) to +71°C (+160°F)
Vibration	10 G's (20-2000 CPS)
Altitude	60,000 ft.
Shock	30 G's



Note: For Reference Only.
Contact Sensor Systems for the latest engineering drawings.

Doc # DS SSPD-113-512_NC, 051214 MRKT **MDV** **ENG** **RC** **QC** **DJ**

