



PFT® 9-05-6-DA

Planar Ribbon Tweeter

Design Concept:	Planar Ribbon Dipole Radiating, Extended High Frequency, Line Source Transducer	Mechanical Specifications:	
		Weight:	72g
		Dimensions (L x W x D):	132mm x 32mm x 10mm
		Magnets:	NEO 35 grade magnet
		Connector Type:	Solder tab electrical terminals
Acoustic Specifications:		Environmental Specifications:	
Frequency Response:	6.5 kHz – 40 kHz, -3dB 5.5 kHz – 50 kHz, -6dB	Operating Temperature Range (+5°C to +40°C)	Passed
Sensitivity:	90 dB / 2.83V / 1m (Averaged 4kHz – 20kHz) 89 dB / 2.83V / 1m (Averaged 4kHz – 50kHz)	Dry Heat Test (+70°C)	Passed
Recommended Crossover:	5.5 kHz 12 dB / oct HPF	Temperature Cycling (-25°C to +70°C)	Passed
Nominal Power Handling:	50 Wrms @ input of 12 dB / oct HPF @ 5.5 kHz 75 Wrms @ input of	Heat and Humidity Cycling (40°C / 90-96% to 25°C / 95-100%)	Passed
Maximum Power Handling:	12 dB / oct HPF Q < 0.65 @ 6.0 kHz	Storage Temperature Test	
Maximum Thermal Limit:	5 Wrms @ input of transducer	Dry Heat Test (+55°C)	Passed
Total Harmonic Distortion:	<1% @ 1W signal input	Dry Cold Test (-25°C)	Passed
Nominal Impedance:	5.5Ω ± 0.8Ω Resistive (DC – 50 kHz)	Shock and Drop Test (0.75m):	Passed
Life Test Specifications:		UV Exposure Test:	Passed
EIA-426B Life Test:	Passed – 50 & 75 Wrms @ Crossover Input	Applicable Patents:	Patents Pending
IEC-268 Life Test:	Passed – 50 & 75 Wrms @ Crossover Input		

