

PHYSICAL CHARACTERISTICS

SPECIFICATIONS

Outside Diameter:	50.04mm (1.970") \pm 0.08mm
Quality Diameter:	40.00mm (1.575") Minimum
Border Width:	N/A (Rimless)
Thickness:	1.02mm (.040") \pm 0.03mm
Material Type:	Long-Life™ Glass
Center-to-Center Spacing:	32 μ m Nominal
Pore Size:	25 μ m Nominal
Bias Angle:	8° \pm 1°
Open Area Ratio:	45% Minimum
Electrode Material:	Nichrome (80/20)
Electrode Diameter:	49.15mm (1.935") \pm 0.13mm
Electrode Bias Identification:	Input Side
Electrode Sheet Resistance:	Input: 100 Ohms Maximum Output: 100 Ohms Maximum
Electrode Penetration:	Input: 0.5-1.0 Channel Diameters Output: 0.5-1.0 Channel Diameters

ELECTRICAL CHARACTERISTICS

SPECIFICATIONS

Gain @ 700 Volts:	400 Minimum
Gain @ 1000 Volts:	10,000 Minimum
Bias Current Range @ 1000 Volts:	8-79 Microamps
Resistance (For Reference Only):	13-125 Megohms
Matched Bias Currents (2 MCPs):	Within 10%
Maximum Specified Operating Voltage:	1000 Volts
Test/Inspection Level:	Detection Quality