



## CURRENT DISTRIBUTOR

### MATERIAL SPECIFICATIONS

#### Dimensions

	<u>Units</u>	<u>¼" Ribbon</u>	<u>½" Ribbon</u>
Width	mm	6.3	12.7
Thickness	mm	0.63	0.9
Cross Section	mm <sup>2</sup>	4.03	11.29
Surface Area	m <sup>2</sup> /m	0.014	0.027
Weight	g/m	18.2	50.9
Resistance	ohm/m	0.104	0.037

#### Ribbon Substrate

	<u>Units</u>	
Composition	--	Titanium Grade 1
Impurity Limits	%	C 0.10, N 0.03, H 0.015, O 0.18 Fe 0.20
Density	kg/m <sup>3</sup>	4511
Melting Point	°C	1660
Electrical Resistivity @ 20°C	10 <sup>-6</sup> ohm-cm	42
Thermal Conductivity	W/m °K	15.6
Modules of Elasticity	Mpa	10.2
Tensile Strength	Mpa	240 Min.
Yield Strength,.2% offset	Mpa	138 Min.
Elongation, sheet >0.6 mm thick	%	24 Min.