



SPECIFICATIONS FOR TCR-HF

TCR-HF is available in a variety of foil widths using 0.5 oz Grade 3 copper foil.

TCR-HF Specification Data Set: Resistive Foil Specifications

Resistive material	NiCr
Sheet resistance (Ω /sq)	25, 50, 100
Sheet resistivity tolerance (%)	± 5
Temperature coefficient of resistance (ppm/ $^{\circ}$ C)	<110
Base copper foil thickness (microns)	18
Width maximum mm (inches)	1295 (51)
Maximum recommended power dissipation at 40 $^{\circ}$ C (watts/sq in)	25 Ω /sq: 250 50 Ω /sq: 200 100 Ω /sq: 150 —
Recommended etching solutions	
1st etch	Cupric chloride
2nd etch	Ammoniacal
3rd etch	—

Base foil properties meet IPC Standard 4562 for Grade 3 copper foil.