

Content Data IMS TPI-1206 Series Resistor – Lead Free (PbF) Terminations

Construction	Material	Substance
Substrate	Ceramic	Al ₂ O ₃
Resistor	Nichrome alloy	Ni, Cr
Protective Coating	Epoxy	Resin overcoat epoxy
Inner Termination	Copper plating	Cu
2 nd Termination	Plating (Ni)	Ni
3 rd Termination	Plating (Sn)	Sn

Substance			TPI-1206
Name	Symbol	CAS No.	weight %
Nickel	Ni	7440-02-0	2.599
Tin	Sn	7440-31-5	1.476
Copper	Cu	7440-50-8	0.247
Chromium	Cr	7440-47-3	0.009
Alumina	Al ₂ O ₃	1344-28-1	92.909
Resin overcoat epoxy			2.76
	reference weight (mg)		7.46