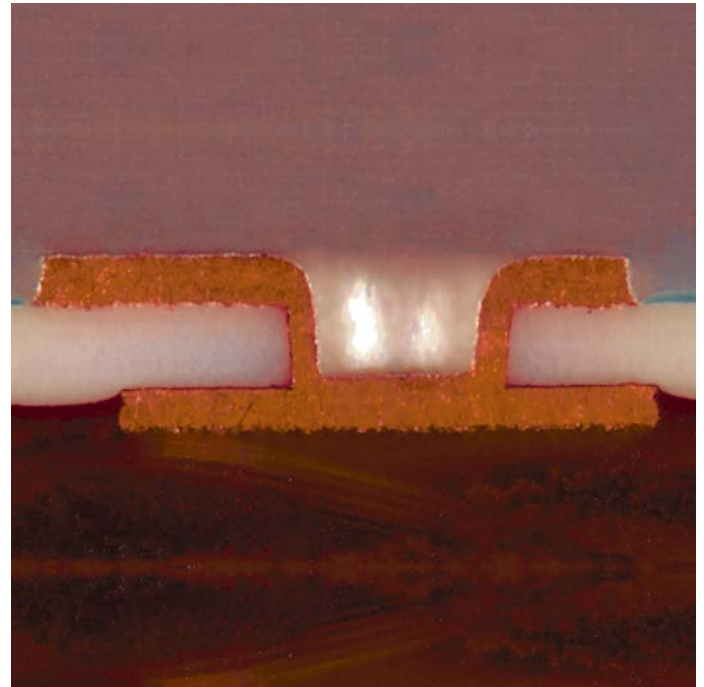




**Material Properties**

Property	Unit	Test Condition	Typical Value
Dielectric constant (Dk)	—	Split post resonant cavity (1 MHz–40 GHz)	2.6
Loss tangent (Df)	—	Split post resonant cavity (1 MHz–40 GHz)	0.004
Peel strength	Kg/cm (pli)	17 µm (1/2 oz) VLP foil	1.0 (5.6)
Solder resistance	—	288°C; 6x30 sec	Pass
CTE (X, Y, Z)	ppm/°C	TMA (–55 to +200°C)	56
Glass transition temperature	°C (°F)	TMA	185 (365)
Thickness	µm (mil)		38, 57, 86 (1.5, 2.2, 3.4)



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