



## 转移生带

## 41010-T

### TRANSFER TAPE

适用于96%氧化铝基板、介电常数为7~8的转移生瓷带  
Ceramic Transfer Tape with Dielectric Constant of 7~8 for  
Use with 96% Alumina

ESL41010-T是由分散于有机基体中的无机介质粉末，在96%氧化铝基板上经过层压而形成的柔性挤塑薄膜。此转移生带被定型在硅涂层聚酯薄膜上，以减小环境污染，防止其受到机械损伤，且便于操作处理。

ESL 41010-T is a flexible cast film of inorganic dielectric powder dispersed in an organic matrix, designed to be laminated to 96% alumina. The tape is provided on a silicone-coated polyester film to minimize environmental contamination, to protect it from mechanical damage, and to aid in handling.

### 产品特性 TYPICAL PROPERTIES (when laminated to 96% Al<sub>2</sub>O<sub>3</sub>)

介电常数	DIELECTRIC CONSTANT(K):(1 MHz)	7.2- 8.2
耗散因数	DISSIPATION FACTOR:(1 MHz)	<0.5%
绝缘电阻	INSULATION RESISTANCE: (at 100 VDC)	> 10 <sup>12</sup> Ω/□
热导率	THERMAL CONDUCTIVITY:	2.5-3.0 W/m/°C
击穿电压	BREAKDOWN VOLTAGE:	> 1400 DC/25 μm
高压试验	PRESSURE COOKER:(Insulation resistance after 15 minutes at 2 atmospheres)	> 10 <sup>12</sup> Ω/□
烧结收缩率	FIRED SHRINKAGE:	X and Y 0 %
		Z 37- 47 %
烧结密度	FIRED DENSITY:(Theoretical)	3.06 g/cm <sup>3</sup>
生带厚度	TAPE THICKNESS:	115-135 μm
颜色	COLOR:off white	灰白色