

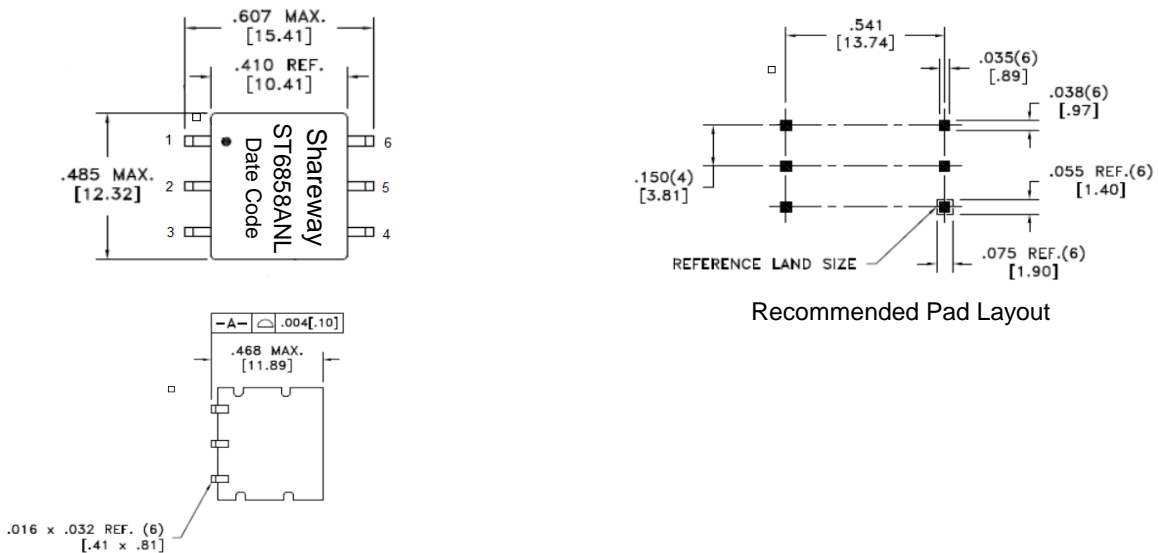
**SMD 5KV Isolation Transformer**

- ※ Surface Mount Device Providing Compact Footprint
- ※ Operating temperature range: -40°C to + 125 °C
- ※ RoHS Compliance Product
- ※ 5000 VDC Basic and Functional Insulation

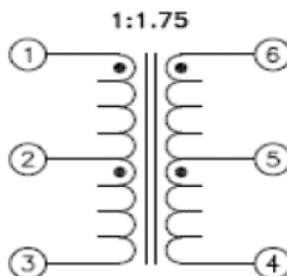


Electrical Specifications @ 25°C								
Part Number	Turns Ratio	OCL	DCR	DCR	Current Rating	Voltage-Time	Creepage & Clearance Distance	Hi-Pot
		@100KHZ 10mVAC	1-3	6-4			Between Pri & Sec	VDC
		(1-3):(6-4)	1-3	@ 20°C			@ 20°C	
ST6858ANL	1:1.75±2%	370 uH MIN	0.160 Ω MAX	0.350 Ω MAX	1500 mA AC	20 Vus	11 mm Min	5000Vrms ,60S

**Mechanical**



**Schematics**



NOTE:  
 1. Dimensions: Inches/mm ;  
 2. Unless otherwise specified , tolerances : xx.x ± 0.25 (mm)