



16.38 x 14.22 x 8.89mm

**RoHS**  
Compliant

### FEATURES:

- High common mode impedance at high frequency
- Effective for suppressing common mode noise at high frequency

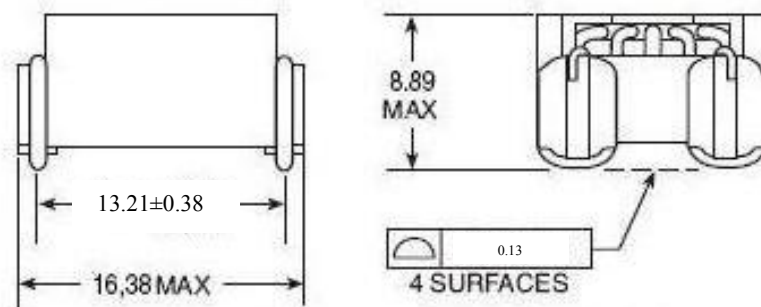
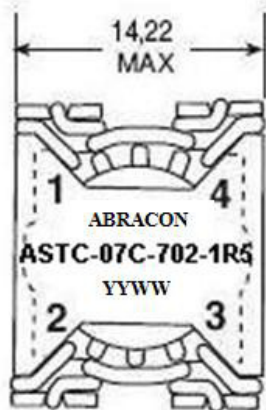
### APPLICATIONS:

- Common mode noise filtering in USB, IEEE1394, LVDS, Digital Camera, Scanner, etc.
- Digital audio and video equipments such as PDA, DSC, DVC, DVD Player, etc.

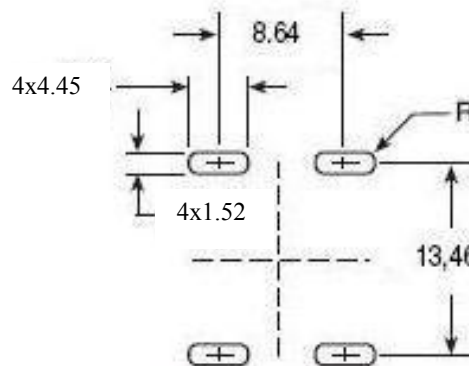
### ELECTRICAL SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Operating Temperature	0		+70	°C	
Storage Temperature	-40		+85	°C	
Turn Ratio (±1%)		1: 1			1-4:2-3
Inductance	7.0			mH	1KHz,1.0V
DCR			0.3	Ω	1-4/2-3
I <sub>rms</sub>			1.5	A	ΔT<30°C
High Pot	1000Vrms/0.5mA/60Sec or 1200Vrms/0.5mA/2Sec				
Polarity	1 and 2 are in phase				

### OUTLINE DRAWING:



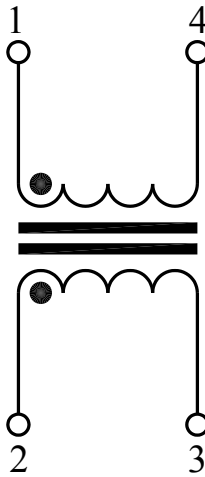
### Recommended Land Pattern



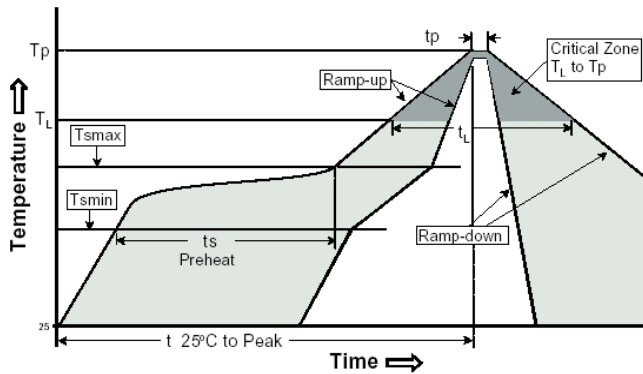
Dimensions: mm (Unless otherwise specified, tolerances are ± 0.25mm)



### SCHEMATICS



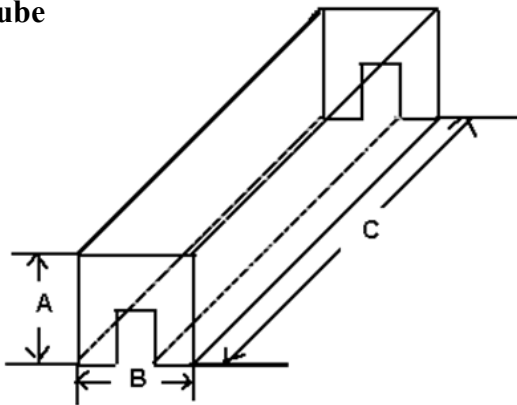
### REFLOW PROFILE



Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T <sub>smax</sub> to T <sub>p</sub> )	3°C /second max.
Preheat -Temperature Min (T <sub>smin</sub> ) -Temperature Max (T <sub>smax</sub> ) -Time (t <sub>smin</sub> to t <sub>smax</sub> )	150°C 200°C 60-180 seconds
<b>Time maintained above:</b> -Temperature (T <sub>L</sub> ) -Time (t <sub>L</sub> )	217°C 60-150 seconds
Peak/Classification Temperature (T <sub>p</sub> )	240±5°C
Time within 5°C of actual Peak Temperature (t <sub>p</sub> )	20-40 seconds
Ramp-Down Rate	6°C /seconds max
Time 25°C to Peak Temperature	6 minutes max.

### TAPE & REEL:

31pcs/Tube



A	B	C
15.0	14.0	522