



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

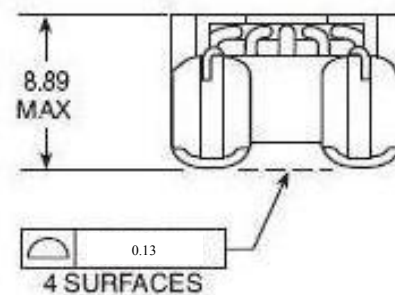
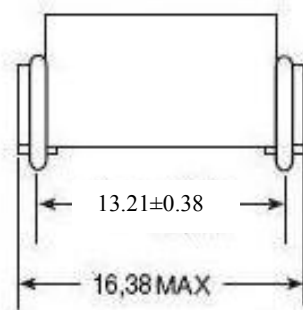
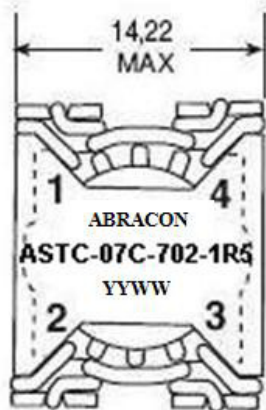
APPLICATIONS:

- 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.

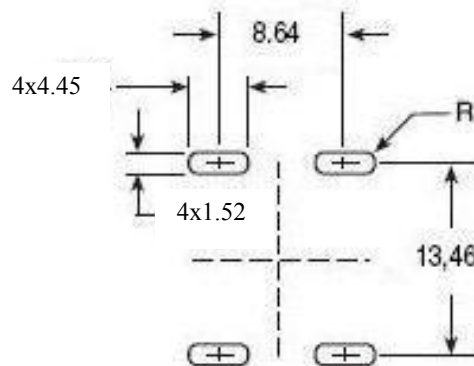
ELECTRICAL SPECIFICATIONS:

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 _{rms}			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:



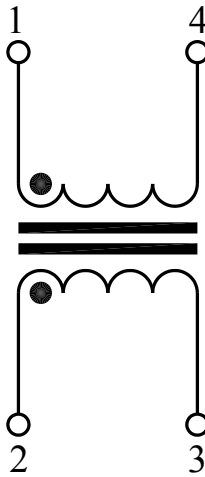
Recommended Land Pattern



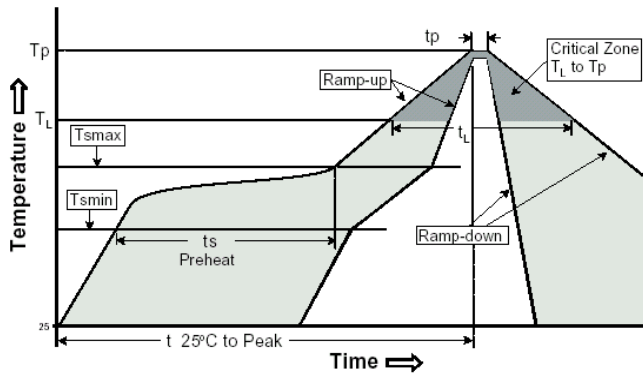
Dimensions: mm (Unless otherwise specified, tolerances are ± 0.25mm)



SCHEMATICS



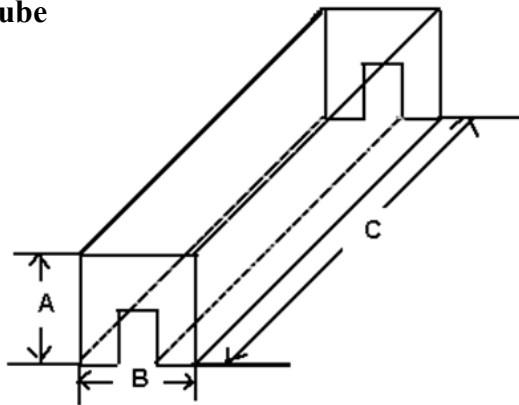
REFLOW PROFILE



Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T _{smax} to T _p)	3°C /second max.
Preheat -Temperature Min (T _{smin}) -Temperature Max (T _{smax}) -Time (t _{smin} to t _{smax})	150°C 200°C 60-180 seconds
Time maintained above: -Temperature (T _L) -Time (t _L)	217°C 60-150 seconds
Peak/Classification Temperature (T _p)	240±5°C
Time within 5°C of actual Peak Temperature (t _p)	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