

**EMI CHIP BEAD ARRAY  
SERIES TCA & SCA**

**INTRODUCTION**

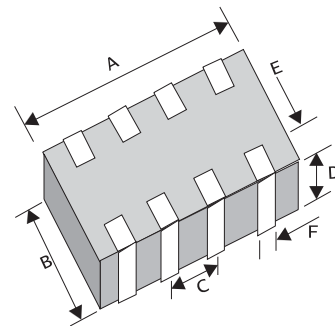
The TCA series is a ferrite chip array which is available in 4 lines packages with same impedance each line. The chip array often used on High density PCB for cost savings. It also cuts down the cost for Board assembly.

**FEATURES**

- High impedance characteristics
- Great EMI Suppression effects
- Minimum cross talk between lines
- Solid and hi tech design
- Easy for auto pick and place machine
- Good for both flow and reflow soldering systems

**SPECIFICATIONS**

Test equipment	HP - 4291A
Number of circuitry each part	4 lines
Operating temperature	-55° C to +125° C
Terminal construction	Flat tin copper wire
Core	Ferrite
Soldering temperature	260° C for 5 seconds
Marking	None
Packaging	3000 pieces per reel
Tape spec	12 mm embossed carrier
Reel spec	178 mm paper or plastic



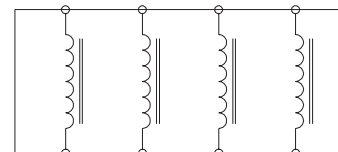
**ELECTRICAL CHARACTERISTICS**

Part Number	Z ± 25% (Ω) @ 100 MHz	DCR (Ω) max	Rated Current (mA)
<b>FOR NORMAL USAGE</b>			
TCA1206-300	30	0.20	500
TCA1206-600	60	0.25	400
TCA1206-121	120	0.30	350
TCA1206-151	150	0.35	250
TCA1206-221	220	0.35	250
TCA1206-301	300	0.40	250
TCA1206-471	470	0.50	200
TCA1206-601	600	0.50	200
TCA1206-102	1000	0.75	150
<b>FOR SIGNAL LINE</b>			
SCA1206-800	80	0.30	350
SCA1206-121	120	0.40	250
SCA1206-221	220	0.45	200
SCA1206-301	300	0.50	200
SCA1206-471	470	0.55	200

**DIMENSIONS IN MILLIMETERS**

Length A	3.2 ± 0.20
Width B	1.6 ± 0.20
Lead spacing C	0.8 ± 0.10
Thickness D	0.9 ± 0.20
Lead length E	0.2 ± 0.10
Lead width F	0.4 ± 0.15

**CIRCUITRY**



**No polarity**