

MOX-CMCS-0806 SERIES

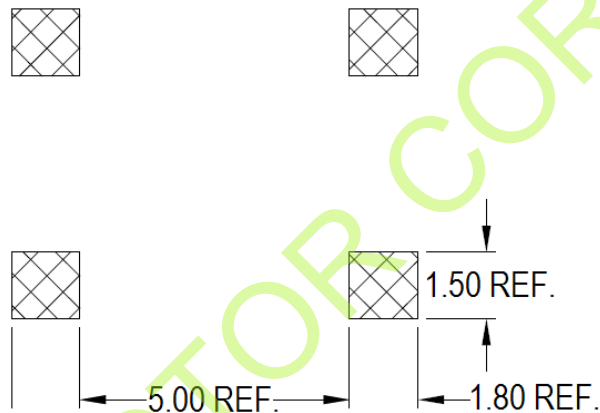
MoxiE[®]
INDUCTOR CORPORATION

Surface Mount Common Mode Chokes

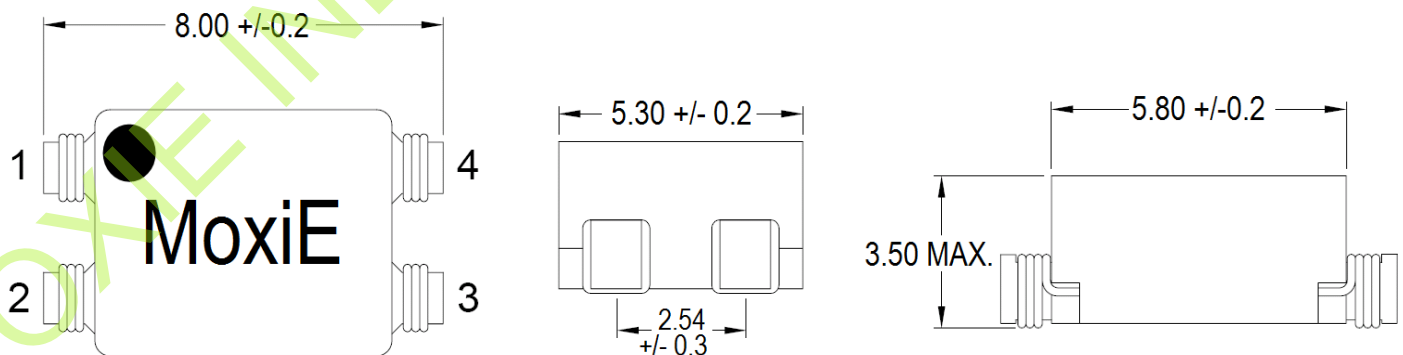
- Low cost.
- Industrial operating temperature: -40°C to +85°C.
- Low profile surface mount design.
- Packaging: Tape & Reel (1500 pieces per reel).
- RoHS compliant.
- MoxiE custom designs available.



PCB PATTERN



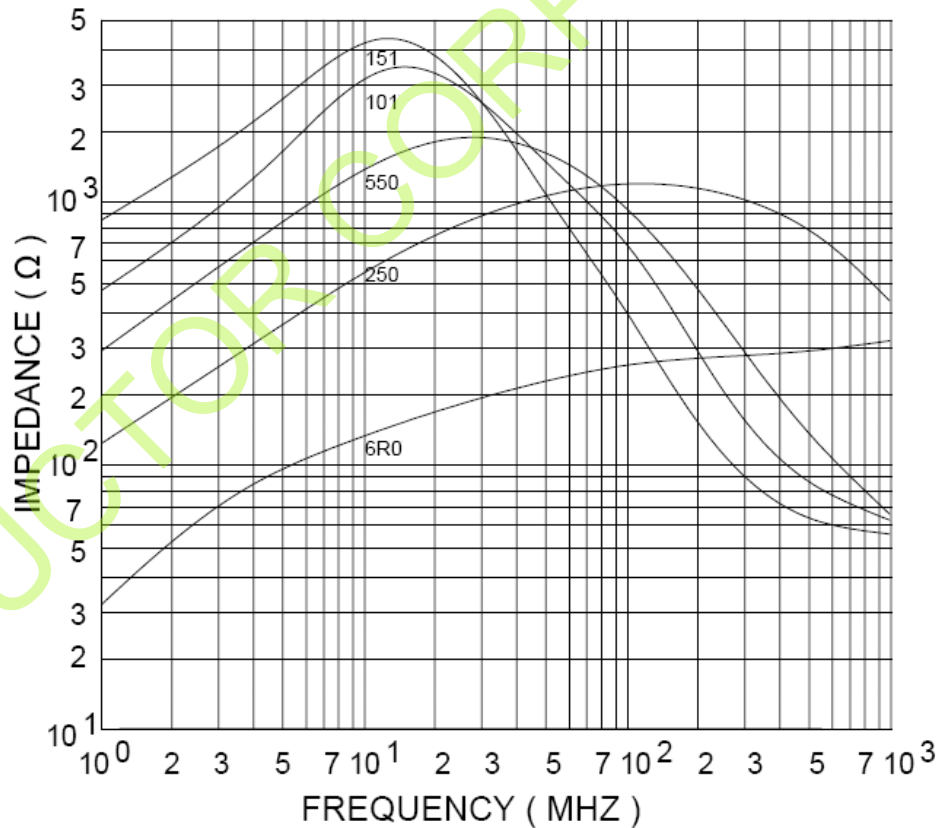
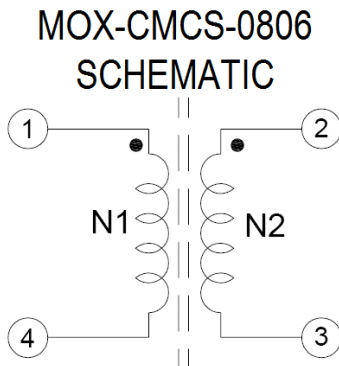
MECHANICAL DIMENSIONS





ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Inductance L1, L2 (μH)	DC Resistance N1, N2 (Ω)	Rated Current (A)	Impedance (Ω)	Frequency Range (MHz)
MOX-CMCS-0806-6R0	6.0±40%	0.040 Max.	2.00	90 Min.	20 ~ 1000
MOX-CMCS-0806-250	25.0±40%	0.070 Max.	1.60	300 Min.	10 ~ 700
MOX-CMCS-0806-550	55.0±40%	0.130 Max.	1.10	500 Min.	5 ~ 100
MOX-CMCS-0806-101	100.0±40%	0.220 Max.	0.90	600 Min.	3 ~ 60
MOX-CMCS-0806-151	150.0±40%	0.420 Max.	0.65	900 Min.	2 ~ 40



MoxiE Notes:

- Temperature rise: 45°C maximum at rated current.
- Storage temperature: -40°C to +125°C.
- Operating temperature: -40°C to +85°C.
- Resistance to soldering heat: +260°C for ten (10) seconds.
- Hi-Pot test: (N1~N2) : 500VAC 60Hz 3mA @ one (1) minute.
- RoHS compliant.
- MoxiE Inductor Corporation specifications are subject to change without notice.
- MoxiE Inductor Corporation customer designs available~contact your MoxiE sales representative for details.
- MoxiE Inductor Corporation custom products are subject to United States Copyright and or Patent protection(s).