

MOX-MXHQC-3225



Surface Mount CHIP INDUCTORS (1206 SIZE)

MoxiE's MOX-MXHQC series of surface mount chip inductors are wound on a special ferrite core and are engineered to be used as a choke coil in DC power supply circuits.

Features:

- Low cost.
- Operating temperature: -40°C to +85°C.
- RoHS compliant.
- MoxiE Inductor Corporation custom designs available.

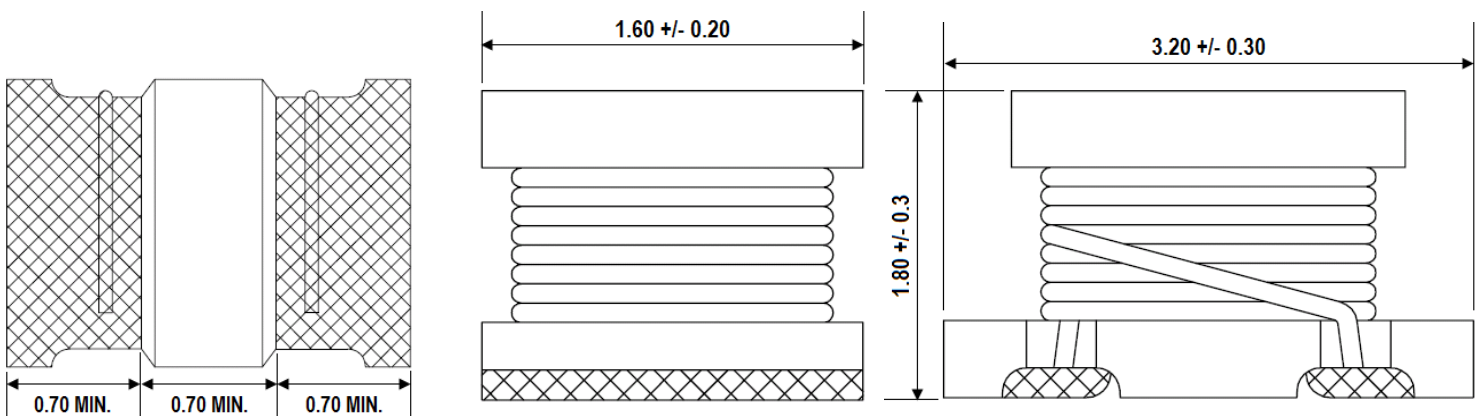


PACKAGING

MOXIE PART NUMBER	INNER REEL		OUTER CARTON		
	Q'TY (PCS)	G.W. (Kg)	Q'TY (PCS)	G.W. (Kg)	SIZE (cm)
MOX-MXHQC-3225	2000 PER REEL	0.13	120000	12	39 x 39 x 23

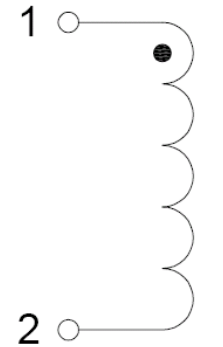
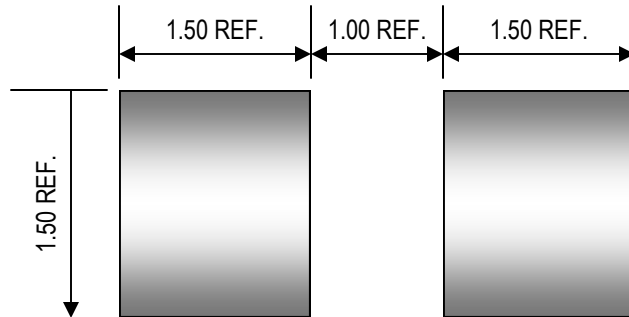


MECHANICAL DIMENSIONS (mm)





LANDING PATTERN & SCHEMATIC



ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Inductance (μH)	Tolerance (\pm)	SRF (MHz) Min.	DCR (Ω) Max.	IDC (mA) Max.
MOX-MXHQC-3225-R12M	0.12	M	250	0.112	980
MOX-MXHQC-3225-R22M	0.22	M	250	0.140	860
MOX-MXHQC-3225-R47□	0.47	K, M	180	0.210	710
MOX-MXHQC-3225-1R0□	1.0	K, M	100	0.364	520
MOX-MXHQC-3225-2R2□	2.2	K, M	50	0.533	440
MOX-MXHQC-3225-4R7□	4.7	K, M	31	0.845	350
MOX-MXHQC-3225-100□	10	J, K	20	1.690	240
MOX-MXHQC-3225-220□	22	J, K	14	3.900	170
MOX-MXHQC-3225-470□	47	J, K	10	10.40	110
MOX-MXHQC-3225-101□	100	J, K	7.0	15.60	90

MOXIE NOTES:

- AMBIENT TEMPERATURE: 20°C.
- OPERATING TEMPERATURE: -40° TO + 85°C.
- STORAGE TEMPERATURE: -40° TO + 125°C.
- TOLERANCES: J = $\pm 5\%$, K = $\pm 10\%$, M = $\pm 20\%$
- RATED CURRENT BASED ON TEMPERATURE RISE & $\Delta L / L_{0A} = 10\%$ MAXIMUM
- MOXIE INDUCTOR CORPORATION SPECIFICATOINS ARE SUBJECT TO CHANGE WITHOUT NOTICE.