

MOX-TFI-0805

THIN FILM CHIP INDUCTORS

MoxiE's MOX-TFI Series are a thin film chip inductor widely used in communication applications such as cellular phones, cable modems, ADSL repeaters & Bluetooth.

Features:

- Low cost.
- Operating temperature: -55°C to +125°C.
- Available tolerances: $\pm 20\%$ & $\pm 30\%$.
- RoHS compliant.
- Industry standard package types for drop in replacement.

MoxiE[®]
INDUCTOR CORPORATION

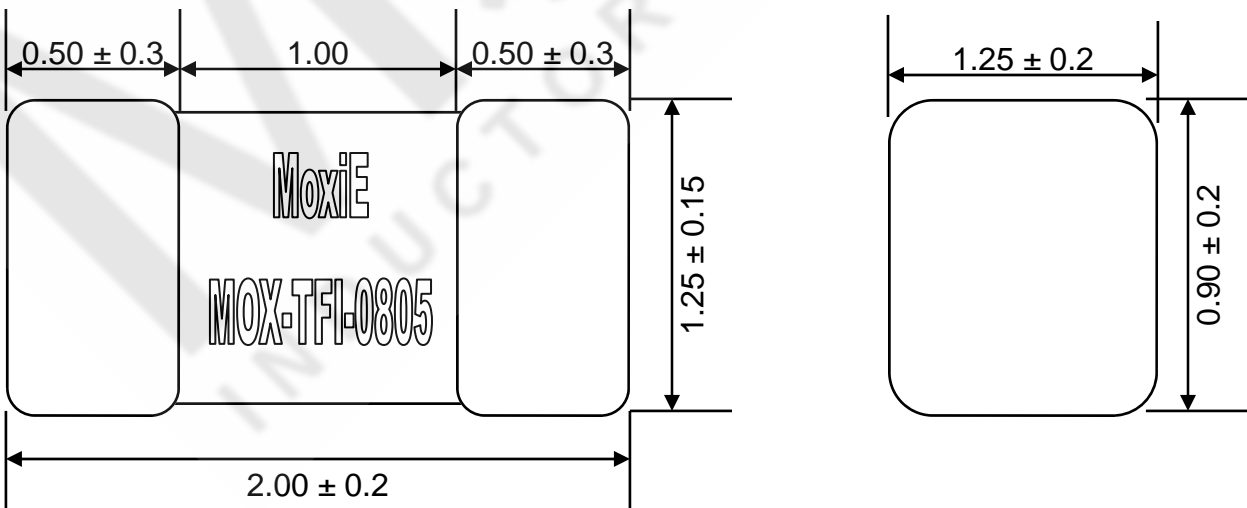


NOTES

- Available Tolerances: S= $\pm 0.3\text{nH}$, D= $\pm 0.5\text{nH}$, J= $\pm 5\%$,
- RoHS compliant
- Packaging: Tape & Reel. (3,000 pcs per 1.2mm reel or 4,000 pcs per 0.9mm reel)
- MoxiE Inductor Corporation specifications are subject to change without notice.

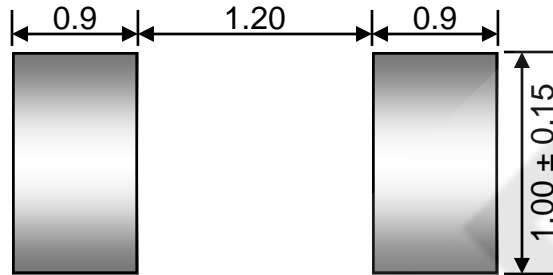


MECHANICAL DIMENSIONS





LANDING PATTERN



ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Inductance (nH)	L,Q Test Freq. (MHZ)	Q Min.	SRF (MHZ) Typ.	RDC (Ω) Max.	IDC (mA) Max.	Tolerance
MOX-TFI-0805-1N0□	1.0	100 MHz,200 mV	10	>6000	0.10	300	S
MOX-TFI-0805-1N2□	1.2	100 MHz,200 mV	10	>6000	0.10	300	S
MOX-TFI-0805-1N5□	1.5	100 MHz,200 mV	10	>6000	0.10	300	S
MOX-TFI-0805-1N8□	1.8	100 MHz,200 mV	10	>6000	0.10	300	S
MOX-TFI-0805-2N2□	2.2	100 MHz,200 mV	10	>6000	0.10	300	S
MOX-TFI-0805-2N7□	2.7	100 MHz,200 mV	12	>6000	0.10	300	S
MOX-TFI-0805-3N3□	3.3	100 MHz,200 mV	12	>6000	0.13	300	S,K
MOX-TFI-0805-3N9□	3.9	100 MHz,200 mV	12	5400	0.15	300	S,K
MOX-TFI-0805-4N7□	4.7	100 MHz,200 mV	12	4500	0.20	300	S,K
MOX-TFI-0805-5N6□	5.6	100 MHz,200 mV	12	4000	0.23	300	S,K,J
MOX-TFI-0805-6N8□	6.8	100 MHz,200 mV	15	3650	0.25	300	J,K
MOX-TFI-0805-8N2□	8.2	100 MHz,200 mV	15	3000	0.28	300	J,K
MOX-TFI-0805-10N□	10	100 MHz,200 mV	15	2500	0.30	300	J,K
MOX-TFI-0805-12N□	12	100 MHz,200 mV	15	2450	0.35	300	J,K
MOX-TFI-0805-15N□	15	100 MHz,200 mV	15	2000	0.40	300	J,K
MOX-TFI-0805-18N□	18	100 MHz,200 mV	15	1750	0.45	300	J,K
MOX-TFI-0805-22N□	22	100 MHz,200 mV	15	1700	0.50	300	J,K
MOX-TFI-0805-27N□	27	100 MHz,200 mV	15	1550	0.55	300	J,K
MOX-TFI-0805-33N□	33	100 MHz,200 mV	15	1350	0.60	300	J,K
MOX-TFI-0805-39N□	39	100 MHz,200 mV	18	1300	0.65	300	J,K
MOX-TFI-0805-47N□	47	100 MHz,200 mV	18	1200	0.70	300	J,K
MOX-TFI-0805-56N□	56	100 MHz,200 mV	18	1150	0.75	300	J,K
MOX-TFI-0805-68N□	68	100 MHz,200 mV	18	1000	0.80	300	J,K
MOX-TFI-0805-82N□	82	100 MHz,200 mV	18	850	0.90	300	J,K
MOX-TFI-0805-R10□	100	100 MHz,200 mV	18	730	1.0	300	J,K
MOX-TFI-0805-R12□	120	50 MHz,200 mV	13	650	1.2	300	J,K
MOX-TFI-0805-R15□	150	50 MHz,200 mV	13	550	1.4	300	J,K
MOX-TFI-0805-R18□	180	50 MHz,200 mV	13	500	1.8	300	J,K
MOX-TFI-0805-R22□	220	50 MHz,200 mV	12	450	2.0	300	J,K
MOX-TFI-0805-R27□	270	50 MHz,200 mV	12	400	2.5	200	J,K
MOX-TFI-0805-R33□	330	50 MHz,200 mV	12	380	3.0	200	J,K
MOX-TFI-0805-R39□	390	50 MHz,200 mV	10	330	3.5	200	J,K
MOX-TFI-0805-R47□	470	50 MHz,200 mV	10	300	4.0	200	J,K