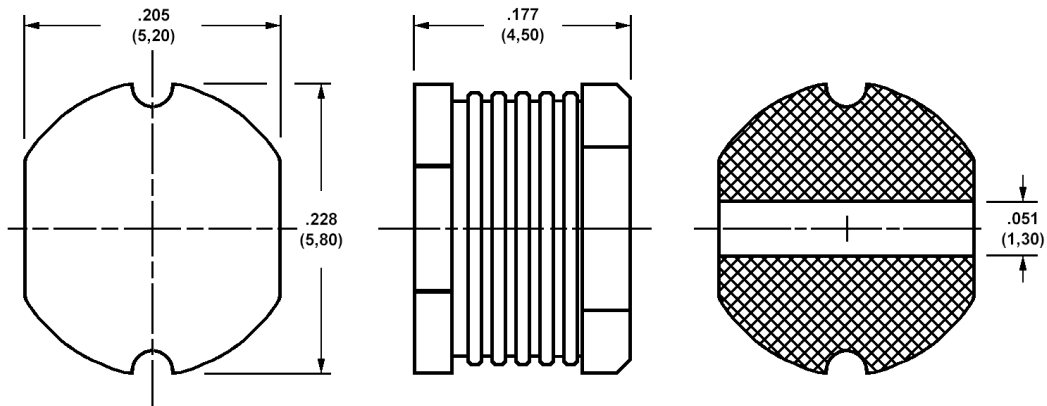
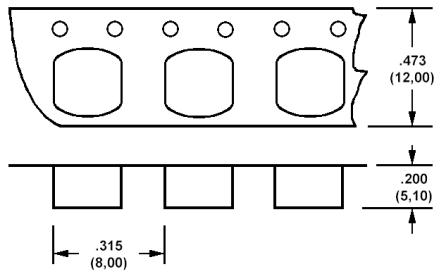


555-8062 Surface mount power inductors, 5mm, 4.7μH thru 220μH



TAPE DIMENSIONS



How to order code

555-8062-XXX-Y-ZZ

Basic Part No XXX = Inductance identifier, Y = tolerance, ZZ = packaging

ELECTRICAL SPECIFICATIONS

Basic Part Number (XXX)-	Inductance (mH)	Frequency (MHz)	DCR (max) (W)	IDC (max) (A)	
555-8062	-4R7	4.7	7.96	0.06	2.60
	-5R6	5.6	7.96	0.07	2.40
	-6R8	6.8	7.96	0.07	2.20
	-8R2	8.2	7.96	0.08	2.00
	-100	10	2.52	0.10	1.44
	-120	12	2.52	0.12	1.40
	-150	15	2.52	0.14	1.30
	-180	18	2.52	0.15	1.23
	-220	22	2.52	0.18	1.11
	-270	27	2.52	0.20	0.97
	-330	33	2.52	0.23	0.88
	-390	39	2.52	0.32	0.80
	-470	47	2.52	0.37	0.72
	-560	56	2.52	0.42	0.68
	-680	68	2.52	0.46	0.61
	-820	82	2.52	0.60	0.58
	-101	100	1KHz	0.70	0.52
	-121	120	1KHz	0.93	0.48
	-151	150	1KHz	1.10	0.40
	-181	180	1KHz	1.38	0.38
-221	220	1KHz	1.57	0.35	

Other electrical specifications to order - Consult factory

TOLERANCE (Y)		
Tolerance Code (Y)	Inductance Tolerance	Notes
J	± 5%	Made to order
K	± 10%	Made to order
M	± 20%	Standard

PACKAGING (ZZ)		
-00	Loose Piece	Made to order
-36	Taped and Reeled	Standard - 1500 per reel

MATERIAL SPECIFICATIONS	
Operating Temperature	-30°C to +100°C
Insulation resistance	Over 100MΩ at 100 VDC between core and coil
Dielectric Strength	No dielectric breakdown at 100 VDC for 1 minute between core and coil
Temperature Characteristics	Inductance coefficient (0-2000) x 10 ⁶ /°C (-25 - 85°C)
Vibration resistance	Inductance deviation within ±5%, (After vibration for 1 hour in each of three orientations with sweep vibration (10-55-10Hz) and 1.5mm P-P amplitude)