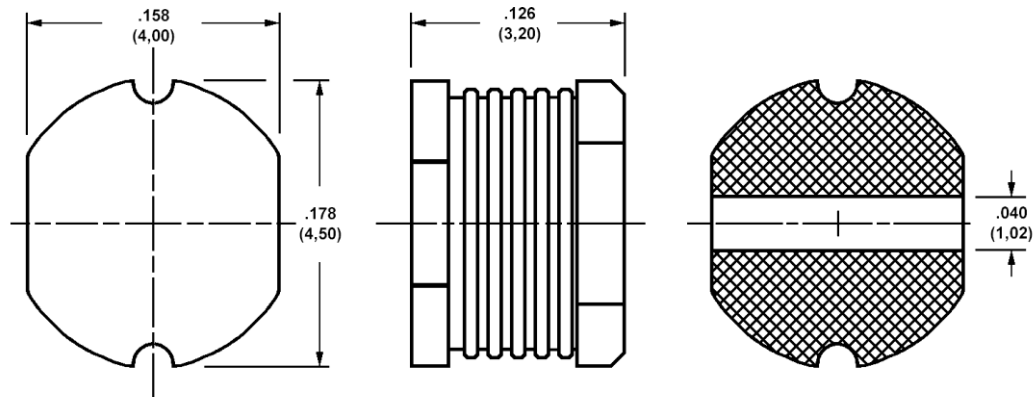
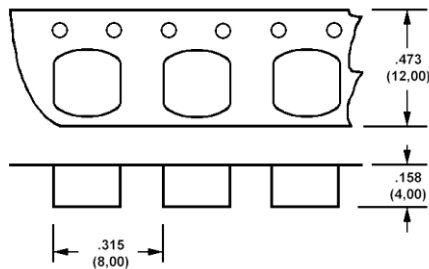


## 555-8060 Surface mount power inductors, 4mm, 1.0µH thru 82µH



TAPE DIMENSIONS



### How to order code

**555-8060-XXX-Y-ZZ**

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

### ELECTRICAL SPECIFICATIONS

Basic Part Number (XXX)	Inductance (µH)	Frequency (MHz)	DCR (max) (Ω)	IDC (max) (A)	
555-8060	-1R0	1.0	7.96	0.033	3.80
	-1R4	1.4	7.96	0.038	3.30
	-1R8	1.8	7.96	0.042	2.91
	-2R2	2.2	7.96	0.047	2.60
	-2R7	2.7	7.96	0.052	2.43
	-3R3	3.3	7.96	0.058	2.15
	-3R9	3.9	7.96	0.076	1.98
	-4R7	4.7	7.96	0.094	1.70
	-5R6	5.6	7.96	0.101	1.60
	-6R8	6.8	7.96	0.117	1.41
	-8R2	8.2	7.96	0.132	1.26
	-100	10.0	2.52	0.182	1.15
	-120	12.0	2.52	0.210	1.05
	-150	15.0	2.52	0.235	0.92
	-180	18.0	2.52	0.338	0.84
	-220	22.0	2.52	0.378	0.76
	-270	27.0	2.52	0.522	0.71
	-330	33.0	2.52	0.540	0.64
	-390	39.0	2.52	0.587	0.59
	-470	47.0	2.52	0.844	0.54
-560	56.0	2.52	0.937	0.50	
-680	68.0	2.52	1.117	0.46	
-820	82.0	2.52	1.120	0.45	

Other electrical specifications to order - Consult factory

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

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

<b>MATERIAL SPECIFICATIONS</b>	
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 <sup>6</sup> /°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)