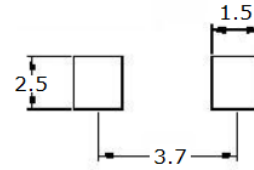


Dimensions in mm.

Recommended Pattern



Dimensions in mm.

Notes for LCMLP4020S shielded power inductor:  
 Operating temperature range: - 55 °C to + 125 °C.  
 Isat for inductance drop 30 % from its value without current.  
 Irms for a 40 °C temperature rise from 25 °C ambient with current.  
 Absolute maximum voltage: 30 VDC.

Measurement equipment: L [WK3260B or WK6500P @ 100 KHz, 0.5V].  
 DCR [Chen Hwa 502 OR Chen Hwa 46502B].  
 Magnetically shielded construction.  
 Manufactured to current RoHS, Halogen-Free, & REACH compliance.  
 Packaging: 2K pcs per 13-inch reel.

Part Number	Inductance [μH] ± 20 %	Test Frequency [KHz]	DCR [mΩ] Max.	Isat [A] Typ.	Irms [A] Typ.
LCMLP4020S-R10M	0.10	100	4	25	12.0
LCMLP4020S-R22M	0.22	100	6.6	12.5	9.0
LCMLP4020S-R47M	0.47	100	14	9.5	7.0
LCMLP4020S-R56M	0.56	100	16	10.0	6.5
LCMLP4020S-R68M	0.68	100	21	8.0	5.2
LCMLP4020S-1R0M	1.0	100	27	7.0	4.5
LCMLP4020S-1R5M	1.5	100	46	6.0	4.0
LCMLP4020S-2R2M	2.2	100	58	5.0	3.0
LCMLP4020S-3R3M	3.3	100	87	4.0	2.5
LCMLP4020S-4R7M	4.7	100	126	3.0	2.2
LCMLP4020S-6R8M	6.8	100	135	2.5	2.0
LCMLP4020S-8R2M	8.2	100	216	2.5	2.0
LCMLP4020S-100M	10.0	100	258	2.0	1.6

Test Instrument: WK3260B Impedance / Material Analyzer

