

High Current SMD Power Inductors

AXPM2120 Series **LEAD -FREE**
RoHS Compliant

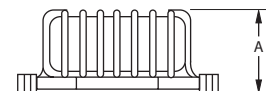
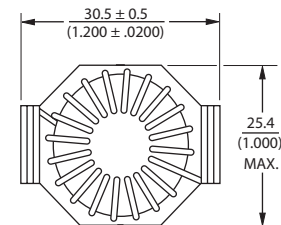
Features :

- Description: High Current SMD power inductor
- Applications: Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TVs and car radios, industrial electronics
- Operatin Temperature: -55°C to +105°C
- Inductance Tolerance: K = $\pm 10\%$, M = $\pm 20\%$
- Isat: DC current at which the inductance drops 30% (typ.) from it's value without current.
- Irms: Average current for 30°C temperature rise from 25°C ambient.
- Testing: Inductance and Q are tested on an HP4284A at specified frequency.
- Packaging: 77pcs / box.
- Additional info available upon request.

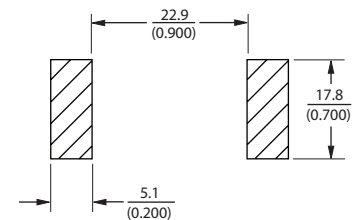


Part Number	Inductance (μH)	DCR (mOhms)	Idc Max. (A)	Dim. A Max. mm / (in.)
AXPM2120-1R0M	1.0	2.0	25.4	20.83 / (0.82)
AXPM2120-1R2M	1.2	2.0	25.4	
AXPM2120-1R5M	1.5	3.0	22.0	
AXPM2120-1R8M	1.8	3.0	22.0	
AXPM2120-2R2M	2.2	3.0	19.7	
AXPM2120-2R7M	2.7	3.0	19.7	
AXPM2120-3R3M	3.3	4.0	18.0	
AXPM2120-3R9M	3.9	4.0	18.0	
AXPM2120-4R7M	4.7	5.0	16.6	
AXPM2120-5R6M	5.6	5.0	15.6	
AXPM2120-6R8M	6.8	6.0	14.7	
AXPM2120-8R2M	8.2	6.0	14.7	
AXPM2120-100K	10	7.0	13.9	
AXPM2120-120K	12	8.0	12.7	
AXPM2120-150K	15	9.0	12.2	
AXPM2120-180K	18	9.0	11.8	
AXPM2120-220K	22	11.0	11.0	
AXPM2120-270K	27	12.0	10.4	
AXPM2120-330K	33	13.0	10.1	
AXPM2120-390K	39	14.0	9.6	
AXPM2120-470K	47	19.0	8.2	20.07 / (0.79)
AXPM2120-560K	56	21.0	7.9	19.56 / (0.077)
AXPM2120-680K	68	29.0	6.7	22.10 / (0.87)
AXPM2120-820K	82	32.0	6.4	
AXPM2120-101K	100	35.0	6.1	
AXPM2120-121K	120	39.0	5.8	21.08 / (0.83)
AXPM2120-151K	150	43.0	5.5	
AXPM2120-181K	180	47.0	5.3	
AXPM2120-221K	220	52.0	5.0	20.32 / (0.80)
AXPM2120-271K	270	72.0	4.2	19.81 / (0.78)
AXPM2120-331K	330	100	3.6	
AXPM2120-391K	390	108	3.5	
AXPM2120-471K	470	119	3.3	21.59 / (0.85)
AXPM2120-561K	560	130	3.2	
AXPM2120-680K	680	142	3.0	
AXPM2120-821K	820	157	2.9	20.83 / (0.82)
AXPM2120-102K	1000	215	2.5	

Dimensions :



Pad Layout:



Units: mm
(Inches)

Electrical Schematic:

