Effective October 2017 Supersedes March 2007

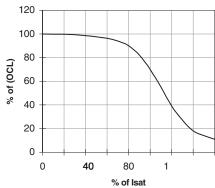
MP2 MICRO-PAC[™] Low profile toroid power inductors



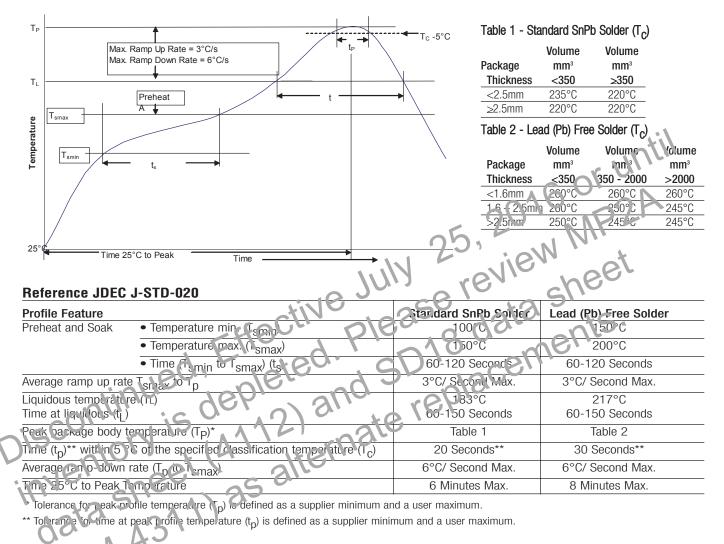


Product specifications

Part Number	Inductance µH	OCL (1) μH ± 20%	Irms (2) Amperes (Typ.)	Isat (3) Amperes (Typ.)	DCR (4) Ohms (Max.)	Q (5) (Typ.)	SRF MHz (Typ.)
MP2-R47-R	0.47	0.40	2.02	3.40	0.075	10	300
MP2-1R0-R	1.0	1.02	1.67	2.10	0.103	20	160
MP2-1R5-R	1.5	1.59	1.51	1.70	0.118	25	155
MP2-2R2-R	2.2	2.29	1.39	1.40	0.130	32	150
MP2-3R3-R	3.3	3.58	1.25	1.10	0.156	42	140
MP2-4R7-R	4.7	4.60	1.18	1.00	0.180	46	130
MP2-6R8-R	6.8	7.02	1.06	0.80	0.202	46	110
MP2-100-R	10.0	9.95	0.98	0.68	0.240	55	100
MP2-150-R	15.0	15.30	0.88	0.54	0.300	65	60
MP2-220-R	22.0	21.80	0.80	0.45	0.360	65	45
MP2-330-R	33.0	33.70	0.64	0.37	0.556	65	35
MP2-470-R	47.0	46.40	0.52	0.31	0.833	65	?8
 2) RMS current, delta temp. of 3) Peak current for approximation 		erature of 85° C		5) Measured @ 300		1601	2A
Dimensions- mm			ctive	5/6356	e le .	a she	
IMP2-230-R 33.0 33.70 0.64 0.37 0.556 65 32.1 1) Open Circuit Inductance Test Parameters: 100Hz, 0.250 Vrms, 0.0 Adc 4) Values @ 20° C 6.5 32.1 6.5 32.1 2) Pack current for approximately 30% roli-off 4) Values @ 20° C 5.3 6.5 7.0 Dimensions- mm 1000000000000000000000000000000000000							
OCL vs. Isat							



Solder Reflow Profile



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