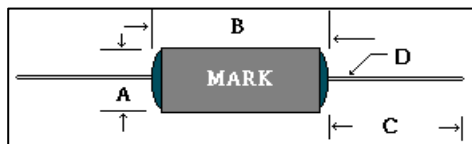


Power Shielded Inductors AMS8



A: 0.550" max
B: 1.000" max
C: 1.15" nominal
D: 20AWG/TCW

Characteristics

Operating temperature	-55°C to +125°C
Inductance tolerance	+/- 5%, +/- 10%,
Testing (Equivalent acceptable)	L tested with HP 4263B-1KHZ (1RO-823), HP4284A-1KHZ,1V (104-684) RDC : HP4263B DCR meter IDC : 11021 current source&DCR meter
Current Rating	Based on 0.33 watt power dissipation for approximately 20°C temperature rise
Marking	Inductance code
Packaging	Bulk only

PART NUMBER	L (uH)	DCR (Ohm) Max	AC CURRENT (Amps)	PART NUMBER	L	DCR (Ohm) Max	AC CURRENT (Amps)
AMS8-1R0K	1.0	0.0066	1.5	AMS8-103K	10mH	0.741	0.437
AMS8-1R2K	1.2	0.007	1.4	AMS8-123K	12mH	0.827	0.437
AMS8-1R5K	1.5	0.008	1.4	AMS8-153K	15mH	1.1	0.35
AMS8-1R8K	1.8	0.008	1.4	AMS8-183K	18mH	1.26	0.227
AMS8-2R2K	2.2	0.008	1.4	AMS8-223K	22mH	1.67	0.224
AMS8-2R7K	2.7	0.009	1.4	AMS8-273K	27mH	1.92	0.224
AMS8-3R3K	3.3	0.009	1.4	AMS8-333K	33mH	2.78	0.224
AMS8-3R9K	3.9	0.009	1.4	AMS8-393K	39mH	3.48	0.224
AMS8-4R7K	4.7	0.012	1.4	AMS8-473K	47mH	4.32	0.224
AMS8-5R6K	5.6	0.012	1.4	AMS8-563K	56mH	5.44	0.224
AMS8-6R8K	6.8	0.012	1.4	AMS8-683K	68mH	6.8	0.224
AMS8-8R2K	8.2	0.013	1.4	AMS8-823K	82mH	7.2	0.176
AMS8-100K	10	0.013	1.4	AMS8-104K	100mH	8.5	0.176
AMS8-120K	12	0.013	1.4	AMS8-124K	120mH	10.56	0.138
AMS8-150K	15	0.014	1.4	AMS8-154K	150mH	12.24	0.138
AMS8-180K	18	0.017	1.4	AMS8-184K	180mH	13.68	0.138
AMS8-220K	22	0.02	1.4	AMS8-224K	220mH	24	0.11
AMS8-270K	27	0.02	1.4	AMS8-274K	270mH	27	0.088
AMS8-330K	33	0.022	1.4	AMS8-334K	330mH	32	0.08
AMS8-390K	39	0.023	1.39	AMS8-394K	390mH	37	0.071
AMS8-470K	47	0.024	1.36	AMS8-474K	470mH	39.48	0.071
AMS8-560K	56	0.027	1.35	AMS8-564K	560mH	46.68	0.071
AMS8-680K	68	0.028	1.35	AMS8-684K	680mH	56.8	0.071
AMS8-820K	82	0.029	1.35				
AMS8-101K	100	0.03	1.35				
AMS8-121K	120	0.034	1.35				
AMS8-151K	150	0.036	1.35				
AMS8-181K	180	0.044	1.35				
AMS8-221K	220	0.047	1.35				
AMS8-271K	270	0.049	1.35				
AMS8-331K	330	0.052	1.3				
AMS8-391K	390	0.053	1.3				
AMS8-471K	470	0.058	1.3				
AMS8-561K	560	0.063	1.3				
AMS8-681K	680	0.068	1.3				
AMS8-821K	820	0.08	1.3				
AMS8-102K	1000	0.091	1.3				
AMS8-122K	1200	0.11	1.25				
AMS8-152K	1500	0.116	1.25				
AMS8-182K	1800	0.13	1.25				
AMS8-222K	2200	0.177	1.12				
AMS8-272K	2700	0.19	1.12				
AMS8-332K	3300	0.213	1.12				
AMS8-392K	3900	0.287	0.88				
AMS8-472K	4700	0.364	0.88				
AMS8-562K	5600	0.44	0.707				
AMS8-682K	6800	0.562	0.556				
AMS8-822K	8200	0.7	0.556				



Email: - vanhang@hcm.vnn.vn
 - advtech@tpts1.seed.net.tw