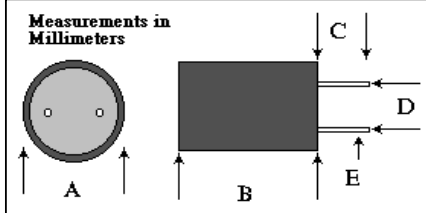


Radial Type Fixed Inductors AMS0812

Characteristics

Operating temperature range	-40 to +85°C
Testing	L measured at 1KHZ on HP 4284A (Agilent Technologies) or equivalent. IDC : 11021 current source& DCR meter RDC : HP4263B current source & DCR meter (Agilent Technologies)
Rated current	Rated DC current is that which cause a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)
Shielding	Ferrite shield.
Marking	Inductance code
Packaging	Bulk only



A :8.30 Max

B :12.5 Max

C : 5.0+/-1.0

D : 5.0+/-0.50

E : 0.65+/-0.1

PART NUMBER	L(uH) +/-20%	DCR (mOhm) Max	RATED DC(A) Max
AMS0812-100M	10	35	2.6
AMS0812-120M	12	40	2.1
AMS0812-150M	15	44	2.0
AMS0812-180M	18	50	1.8
AMS0812-220M	22	53	1.6
AMS0812-270M	27	60	1.5
AMS0812-330M	33	110	1.3