

Features

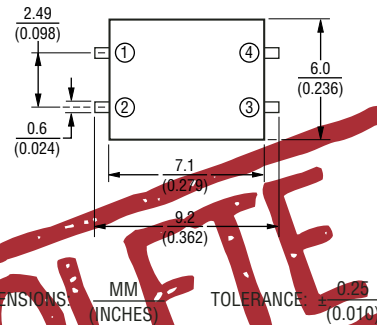
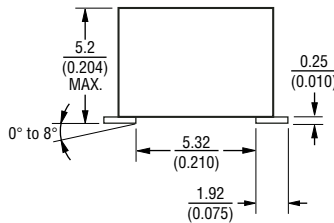
- Small surface mount component
- High quality toroidal core
- Unit height of 5.2mm max.
- Supplied in 16 mm conductive polystyrene tape (SM73818AE)
- Recommended for reflow solder processing

SM73818AE- Dual Inductor

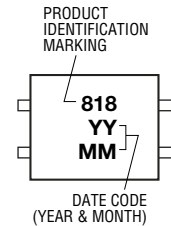
Electrical Specifications (@ 25 °C)

Ls (1-4)	51 μ H \pm 30 % @ 100 KHz
	0.1 mA
Le (1-4)	2 μ H Max @ 100 KHz
	0.1 mA [short (2-3)]
Turns Ratio	1:1 \pm 2 %
Polarity	1,2@same phase
Hipot	250 VDC between windings
	for 1 second
DCR (1-4)	0.3 ohms max.
DCR (2-3)	0.3 ohms max.
DCR typical	0.1 Ω
Operating Temperature	-40 to +135 °C
Storage Temperature	-40 to +135 °C
Rated Current	100 mA DC @ +125 °C
Rated Voltage	80 VDC / 42 VAC
LCP Thermal Plastic	UL 94V-0
Terminal	Cu/Ni/Sn
Weight	0.2 g
Packaging	1500 pcs. per 330mm reel

Product Dimensions



Typical Part Marking



Schematic



Packaging Dimensions

Model	W	P	E	F	D	D1	P0	P2	A0	B0	K0	t
SM73818AE	16.00 (.630)	8.00 (.315)	1.75 (.069)	7.50 (.296)	1.55 (.061)	1.50 (.059)	4.00 (.158)	2.00 (.079)	6.22 (.245)	9.60 (.378)	5.50 (.216)	0.40 (.015)

