

Specification for:

0R42510EC

110 Delta Drive
Pittsburgh, PA 15238
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DIMENSIONS



(mm)	Nominal:	Tol. min.:	Tol. max.:
A	25.4	-0.6	+ 0.6
B	9.65	-0.2	+ 0.2
C	6.35	-0.25	+ 0.25
D	6.4 Min.		
E	18.8 Min.		
F	6.25	-0.25	+ 0.25
L	3.3 Nom.		
M	6.1 Min.		
Eff. Parameters			
Ae mm ²	Amin mm ²	le mm	Ve mm ³
39.5	37.0	49.0	1930

INDUCTANCE

AL value (nH)	Test conditions
Nom: 1767 Min.: 1325	10 kHz, < 0.5 mT, 25 °C

MARKING

R EC

CORE LOSSES

P _i max	Test conditions
88 mW/cm ³ (0.17 W/set)	100 kHz, 100 mT, 100 °C
518 mW/cm ³ (1.0 W/set)	100 kHz, 200 mT, 100 °C

NOTE

Spec. modifications	Previous	Revised
2005-06-22	A=25.5 Max. B=9.7 Max. F=6.1±0.13 L=3.02 Nom. M=6.22 Min. Losses: General R material No marking	A=26.0 Max. B=9.85 Max. F=6.35±0.25 L=3.3 Nom. M=6.1 Min. Losses: Detail as indicated Marking