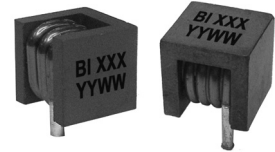


Electrical / Environmental

HM58

High Current Low Loss Ferrite Cube Inductors

- Operating Temperature Range -40°C to +125°C
- DCR Tolerance ±5 %
- Operating Frequency Up to 1 MHz

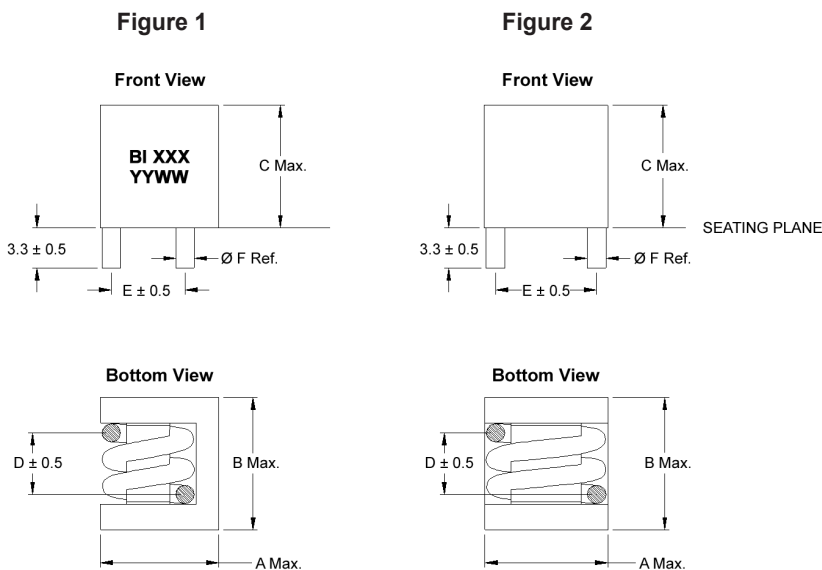


Specifications @ 25°C

Part Number	Inductance 100 kHz, 0.1V		$I_{rated}^{(1)}$ (A dc)	$I_{sat}^{(2)}$ (A dc)	DCR (mΩ) ± 5%	Pitch		Leads Dim.F (mm Typ.)	Fig.
	@ 0 A dc μH ± 15%	@ I_{rated} μH Typ.				Dim.D (mm)	Dim.E (mm)		
HM58-1112HR36LF	0.36	0.34	40	60	0.65	5.0	6.6	1.62	1
HM58-1112VR36LF	0.36	0.34	40	60	0.65	5.0	8.5	1.62	2
HM58-1112V1R3LF	1.30	1.00	17	25	1.05	5.2	8.75	1.50	2

Notes: (1) Rated current, I_{rated} , is the approximate DC current at which inductance will be decreased by 5% typical from its initial (zero DC) value.
(2) I_{sat} is the saturation current at which inductance will be decreased by approximately 30% from its initial (zero DC) value.

Outline Dimensions (mm)



Case Size	Mounting Style	Fig.	A	B	C
1112	H	1	11.0	11.5	10.5
	V	2	11.0	11.5	11.0

Note: Refer to Specifications table for 'D', 'E' & 'F' dimensions of each model.

Packaging

Standard: Tray

Quantity Per Carton = 650 Units

Ordering Information

