

SMT Common Mode Choke



- All materials are Meets UL requestment.
- Temperature range -40 °C~+125 °C
- Pb free and RoHS compliant add suffix code " -E ".
- Custom designs available

Electrical Specification @ 25 °C, Operating Temperature -20°C to 85°C

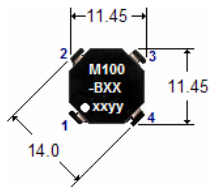
Part Number	OCL(uH)+30% W1 & W2	I rms (A) max	DCR (mohm) W1 & W2	Leakage	CP (pF)
				(uH) typ.	
M100-B00	100	1.0	9	0.87	3.5
M100-B01	100	3.5	10	0.87	3.5
M100-B02	175	3.0	17	1.3	3.7
M100-B03	250	2.8	21	2.0	4.0
M100-B04	300	2.4	24	2.2	4.4
M100-B05	420	2.0	39	3.1	4.5
M100-B06	485	1.7	54	3.5	4.7
M100-B07	630	1.45	78	4.2	4.9
M100-B08	780	1.2	107	5.1	5.2
M100-B09	950	1.05	146	6.2	5.4
M100-B10	1300	0.8	220	8.0	5.6
M100-B11	1500	0.75	260	8.8	5.7
M100-B12	1600	0.75	300	9.6	5.8
M100-B13	1800	0.55	400	11.8	6.0

Inductance range : 100uH ~ 1800uH

Mechanical:

Schematic:

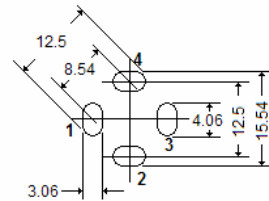
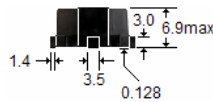
Unit: mm



Top view



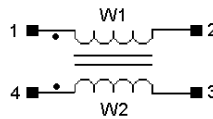
Bottom view



Appro.weight : 1.5g

Part Number Code

M 1 0 0 - **B X X** - **E**
 1 2 3



1. Type
2. BXX : Sreies
3. E: Lead free, Rohs compliant

Technical Data :

OCL W1 (1~2) 100KHz 0.1Vrms.
 OCL W2 (4~3) 100KHz 0.1Vrms.
 Tolerance (+50~30%)
 Resistance to solder temperature +240°C for 30 sec.
 Operating ambient temperature range (-40°C to +85°C)

