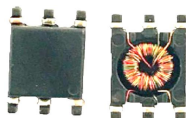


TSCM0903B Series (Rev. 1.0)



Features

- * ROHS compliant
- * Compact size
- * Excellent solderability
- * Surface mount

Product Identification

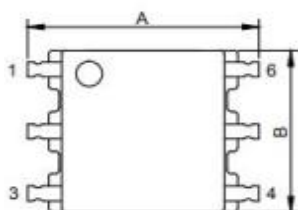
TSCM
0903B
-
700
I

1
2
3
4

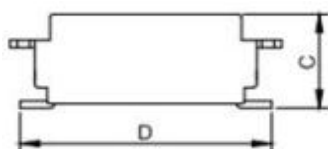
1. Product Code
2. Size Code
3. Inductance: 70uH
4. Tolerance: I=minimum

Dimension: [mm]

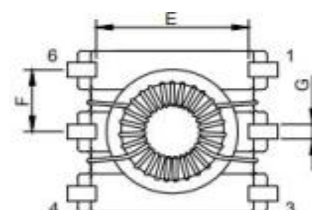
Top View



Side View



Bottom View



Size Code	A(max.)	B(max.)	C(max.)	D(±0.3)	E(±0.5)	F(±0.3)	G(typ.)
0903B	9.0	7.0	3.5	8.0	6.0	2.5	0.6

Schematic:



Electrical Characteristics

P/N	Inductance Pin(1-3)&(6-4) (uH) min.	Leakage Inductance (uH) max.	DCR (mΩ) max.	IDC (A) max.	Hipot @2mA/5S (VDC)
TSCM0903B-680I	68	-	58	1.2	300
TSCM0903B-700I	70	1.0	60	1.1	300
TSCM0903B-451I	450	-	260	0.5	200

* Test Condition: @100KHz /0.1V (Ambient temperature: 25°C)

* IDC: ΔT=40°C Typ.

Applications

- * Low current switching power supplies
- * Telecom applications

Operating & Storage Condition

- * Operating Temp. : -40 to +80°C
- * Storage Temp. : -40 to +80°C
- * Storage Life Time : 12 Months @25°C , RH 70%

Test Equipment

- * Wayne kerr 3260B/G LCR Meter
- * Wayne kerr 3265B Bias Current Source * CH9053

Standard Atmospheric Conditions

- * Ambient Temp : 20+/-15°C
- * Relative Humidity : 65+/-20%

