

TUCM Series (Rev. 1.0)



(V-type)

Features

- * RoHS compliant
- * Small size and inexpensive type.

Product Identification

TUCM 1712 - 253 I V
 1 2 3 4 5

1. Product Code
2. Product size
3. Inductance: 25mH
4. Tolerance: I=Minimum
5. Type: V-vertical; H-horizontal

Dimension: [mm]

	Front View	Side View	Bottom View	Schematic				
Size Code	A(max.)	B(max.)	C(max.)	D(±0.5)	E(±0.1)	F(±0.5)	G(±0.5)	TYPE
1712	17.0	12.5	17.0	3.5	0.6	8.0	7.0	V-type
2117	18.5	17.5	22.5	3.5	0.7	13.0	10.0	

Electrical Characteristics

P/N	L (mH) min.	Test Pins	DCR (Ω) max.	Turns (ref.)	Wire (mm)
TUCM1712-203IV	20	(1-2) & (4-3)	2.00	102	0.20
TUCM1712-253IV	25	(1-2) & (4-3)	2.50	93	0.25
TUCM1712-403IV	40	(1-2) & (4-3)	2.40	140	0.20
TUCM2117-502IV	5	(1-2) & (4-3)	0.20	45	0.45
TUCM2117-103IV	10	(1-2) & (4-3)	0.32	59	0.40
TUCM2117-303IV	30	(1-2) & (4-3)	0.85	85	0.29

* Test Condition: Inductance @1KHz/ 0.1V

Applications

- * Multi-TUction telephone. AC adapter,FAX, Small size fluorescent light, VCR, TV

Operating & Storage Condition

- * Operating Temp.: -40 to +85°C
- * Storage Temp.: -40 to +85°C
- * Storage Life Time: 12 months @25°C, RH 65%

Test Equipment

- * HP4284A,HP42841A-L,IDC,Q,RDC
- * HP8753D NETWORK ANALYZER-SRF
- * Zentech 9053 or Equivalent

Standard Atmospheric Conditions

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

