

TMCD75 Series (Rev. 1.0)

【APPLICATIONS】



Humidifier

Cosmetic Instrument

Features

- * Reduce resonance noise
- * High flexibility & reliability
- * Smaller size

Product Identification

TMCD 75 - 250/801 M
 1 2 3 4

1. Product Code
2. Size Code
3. Inductance: 25uH/ 800uH
4. Tolerance: M=±20%

Operating & Storage Condition

- * Operating Temp. : -40 to +100°C
- * Storage Temp. : -40 to +100°C
- * Storage Life Time : 12 Months @25°C , RH 65%

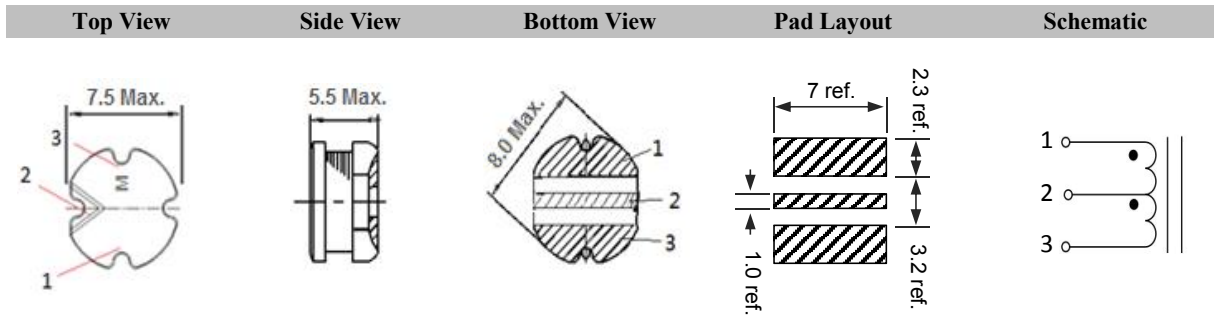
Test Equipment

- * HP484A,HP42841A-L, IDC.Q.RDC
- * HP8753D Network Analyzer-SRF

Standard Atmospheric Conditions

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

Dimension & Recommended PAD Layout: [mm]



Electrical Characteristics

P/N	L (uH) ±20%		DCR (Ω) max.		IDC (A) max.		Wire (mm)
	Pin1-2	Pin2-3	Pin1-2	Pin2-3	Pin1-2	Pin2-3	
TMCD75-100/431M	10	430	0.22	2.28	2.00	0.25	φ 0.16*1P
TMCD75-150/431M	15	430	0.26	2.28	1.80	0.25	φ 0.16*1P
TMCD75-250/801M	25	800	0.50	4.00	1.30	0.20	φ 0.14*1P
TMCD75-260/102M	26	1000	0.50	4.40	1.30	0.18	φ 0.14*1P

* Test condition: @100KHz, 0.25V

* IDC : This indicates the value of current when the inductance is 30% lower than it's initial value at D.C. superimposition or D.C.current when at ΔT=40°C, whichever is lower. (Ta=20°C)

