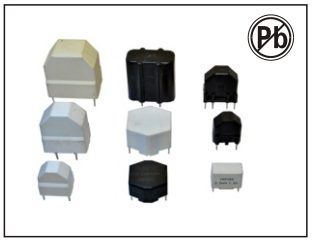
THROUGH–HOLE CURRENT–COMPENSATED CHOKES

TRF142/242 SERIES



FEATURES:

- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

COMMON APPLICATIONS:

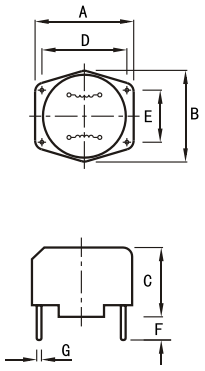
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

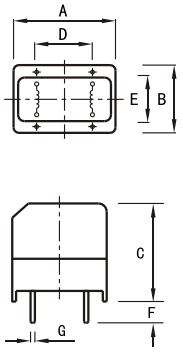
Part Number	Inductance mH	Test Freq KHz	DCR (mΩ)Max	IDC (A)Max
TRF142/242–683Y	68	10	1600	0.8
TRF142/242–333Y	33	10	810	1
TRF142/242–273Y	27	10	500	1.5
TRF142/242–682Y	6.8	10	190	2
TRF142/242–332Y	3.3	10	66	4

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

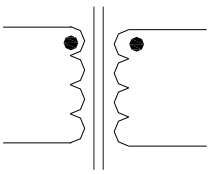
TRF142



TRF242



P/N	TRF142	TRF242
A	33.5	32
B	32.5	18
C	19.7	35
D	30	12.5
E	20	15
F	4.5	4
G	0.8	0.8



- Inductance tolerance..... +50% –30%
- Max operating voltage.....250V at 40℃
- IDC Max..... rating AC/DC current A @40℃
- Hi–Pot..... 1500Vac winding to winding 3S
- Inductance Testing..... 10KHz 0.1V HP4284A
- Operating temperature.....–40℃ to +105℃
- Storage Temperature..... –40℃ to +105℃

Note:All specifications subject to change without notice.