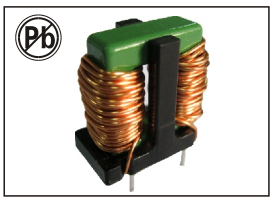


COMMON MODE INDUCTORS

LFT1720 SERIES

FEATURES:

- High inductance with low resistance
- Excellent differential–mode suppression
- High pulse–handling capability
- Industry best inductance/rated current ratio
- Suitable for wave soldering
- Design complies with EN 60938–2 (VDE 0565–2)
- RoHS–compatible

APPLICATIONS:

- Electronic ballasts for lamps
- High power switch–mode power suppliesfor consumer electronics

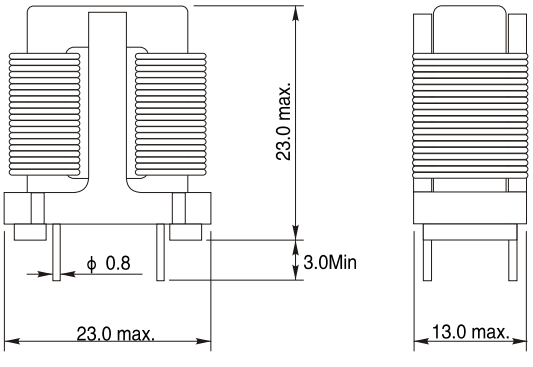
CONSTRUCTION:

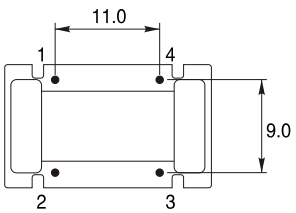
- Current–compensated double choke
- Closed magnetic circuit with frame construction
- Height 23 mm
- Clearance and creepage distances 3mm Min

ELECTRICAL CHARACTERISTICS:

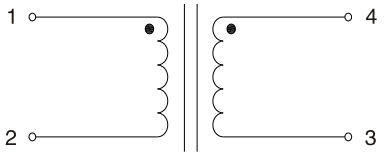
Part Number	L(mH) 10KHz,0.1V +50%/–30%	Rated current (A)Max	DCR (mΩ)Typ
LFT1720–222Y	2.2	4.02	65
LFT1720–332Y	3.3	3.08	70
LFT1720–472Y	4.7	2.65	75
LFT1720–682Y	6.8	2.26	90
LFT1720–103Y	10	2.04	120
LFT1720–153Y	15	1.90	150
LFT1720–203Y	20	1.63	200
LFT1720–253Y	25	1.51	300

PHYSICAL CHARACTERISTICS





WINDING



- Rated voltage: 250VAC max@40℃
- Insulation voltage: 1500VAC,2S(line–line)
- Inductor Testing: HP4284A (Equivalent acceptable) DCR: WK3260B
- Storage Temperature: –40℃ to +40℃
- Solder methods: Vapor Phase, Infrared Reflow
- Resistance to soldering heat:260℃ for 10 seconds
- Solvent resistance: Conforms to MIL–STD–202E
- Marking: Inductance & Tolerance
- All specifications subject to change without notice.