

COMMON MODE INDUCTORS

LFT1214 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 supplies for consumer electronics

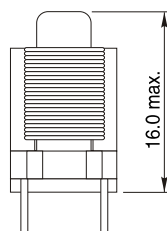
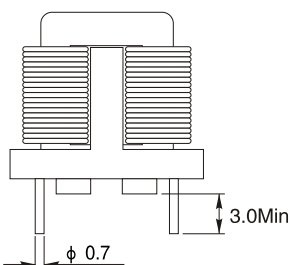
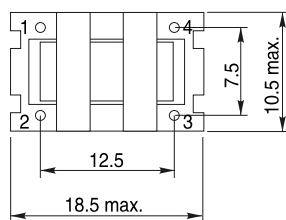
CONSTRUCTION:

- Current-compensated double choke
- Closed magnetic circuit with frame construction
- Height 16 mm
- Clearance and creepage distances 3mm Min

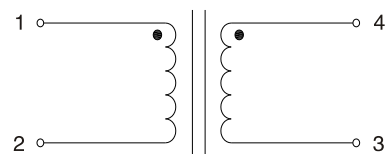
ELECTRICAL CHARACTERISTICS:

Part Number	L(mH) 10KHz,0.1V +50%/-30%	Rated current (A)Max	DCR (mΩ)Typ
LFT1214-102Y	1.0	2.26	85
LFT1214-152Y	1.5	1.63	95
LFT1214-222Y	2.2	1.27	140
LFT1214-332Y	3.3	1.06	160
LFT1214-472Y	4.7	0.77	180
LFT1214-682Y	6.8	0.60	190
LFT1214-103Y	10	0.39	240
LFT1214-153Y	15	0.33	300
LFT1214-203Y	20	0.28	380
LFT1214-303Y	30	0.23	460

PHYSICAL CHARACTERISTICS



WINDING



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