

Inductors(Coil)

For Power Line

SMD

GLF Series GLF2012 Type

FEATURES

- It delivers low R_{dc} with high I_{dc}.
- It is lead-free compatible.
The product contains no lead whatsoever.
It is able to withstand high temperature reflows (260°C during the peak) used in lead-free soldering.
- It's construction supports bulk mounting.

APPLICATIONS

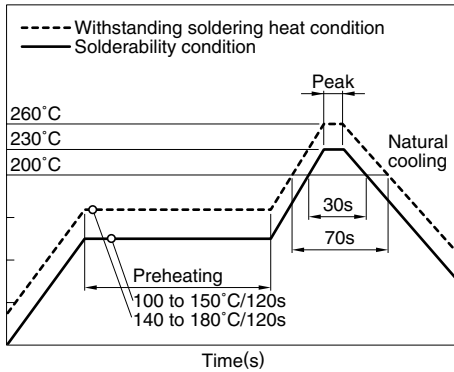
- Portable audio visual devices (DSC, DVD and MD)
- Mobile communication devices (cellular phones, PHS, etc.)

SPECIFICATIONS

Operating temperature range	-40 to +105°C
Storage temperature range	-20 to +105°C

RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERING

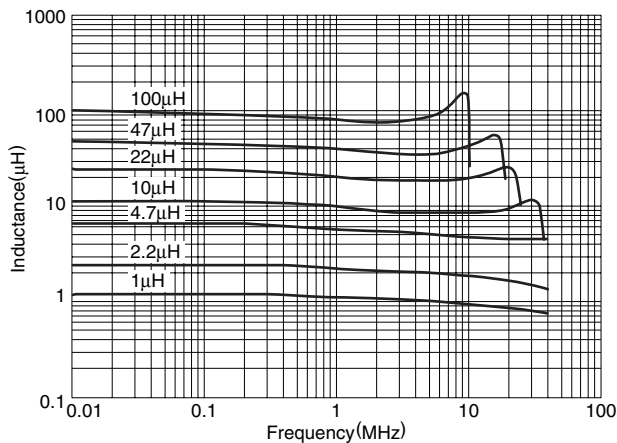


PACKAGING STYLE AND QUANTITIES

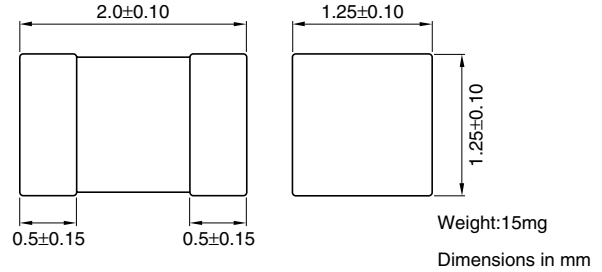
Packaging style	Quantity
Taping	2000 pieces/reel

TYPICAL ELECTRICAL CHARACTERISTICS

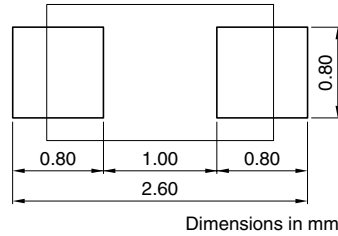
INDUCTANCE vs. FREQUENCY CHARACTERISTICS



SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

Part No.	Inductance (µH)	Inductance tolerance (%)	DC resistance (Ω)±30%	Rated current (mA)max.
GLF2012T1R0M	1.0	±20	0.07	400
GLF2012T2R2M	2.2	±20	0.10	300
GLF2012T4R7M	4.7	±20	0.24	200
GLF2012T100K	10.0	±10	0.36	140
GLF2012T220K	22.0	±10	1.00	100
GLF2012T470K	47.0	±10	1.70	75
GLF2012T101K	100.0	±10	4.00	50

INDUCTANCE vs. DC SUPERPOSITION CHARACTERISTICS

