

Inductors(Coil)

For Power Line
SMD

GLF Series GLF1608 Type

FEATURES

- It delivers low Rdc with high Idc.
- 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

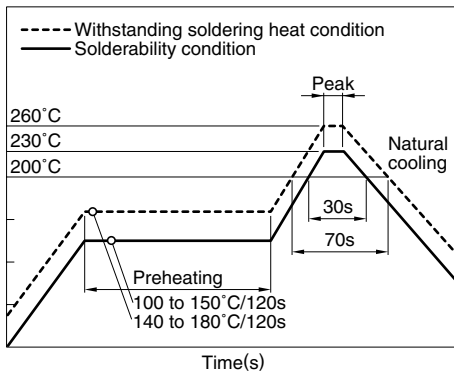
- Portable audio visual devices (DSC, DVD and MD)
- Mobile communication devices (cellular phones, PHS, etc.)

SPECIFICATIONS

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

RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERING

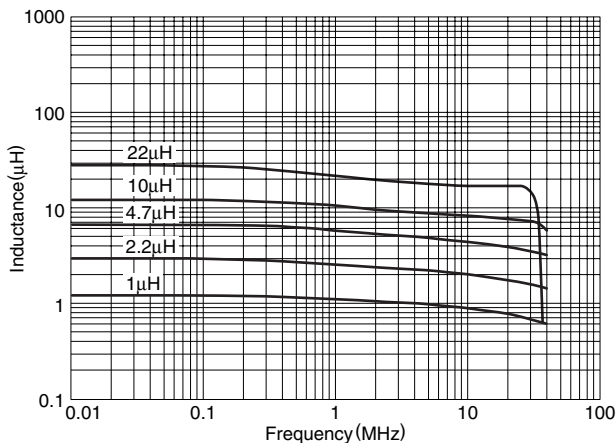


PACKAGING STYLE AND QUANTITIES

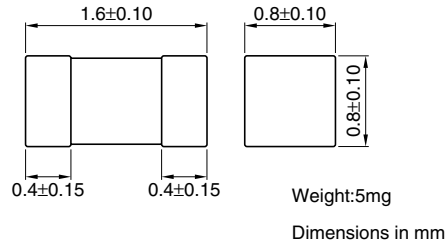
Packaging style	Quantity
Taping	4000 pieces/reel

TYPICAL ELECTRICAL CHARACTERISTICS

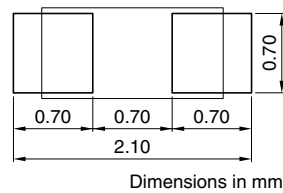
INDUCTANCE vs. FREQUENCY CHARACTERISTICS



SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

Part No.	Inductance (μH)	Inductance tolerance (%)	DC resistance (Ω)±30%	Rated current (mA)max.
GLF1608T1R0M	1.0	±20	0.17	220
GLF1608T2R2M	2.2	±20	0.33	160
GLF1608T4R7M	4.7	±20	0.55	115
GLF1608T100M	10.0	±20	0.70	90
GLF1608T220M	22.0	±20	3.00	60

INDUCTANCE vs. DC SUPERPOSITION CHARACTERISTICS

