



Product Series Code	GTLQF	Brand	GOTREND
File Version	GTLQF-V2.1	Editor	Robert
Established Date	2003.09.28	Description	Common Mode Filter
Latest Edit Date	2004.11.28	Pages	Page : 2

Features & Application:

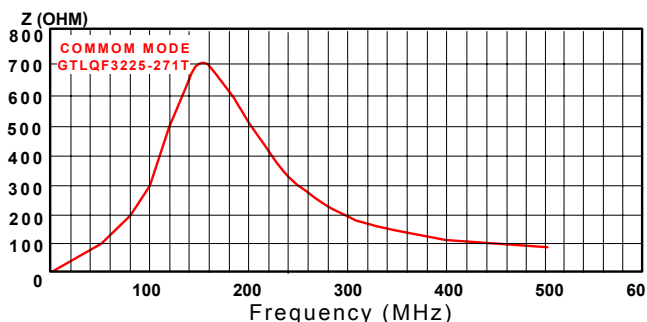
- * **Common Mode Filter Choke**
- * Fit for power line & signal line circuit
- * To help you go pass the CE/FCC standard.
- * Mobil Device / Handheld Device / LowProfile Device / Panel...

Part No Example:

GTLQF - 3225 - P - 271 - N
 1 2 3 4 5

1. GTLQF : GOTREND Series
2. 3225 : L 3.2mm X W 2.5mm X H 2.0mm
3. P : Pb free<1000ppm
4. 271 : Impedance [ohm] @ 100MHz = 270 ohm
5. N : Tolerance K=10%, M=20%, N=25%

Z v.s Frequency Curve REF

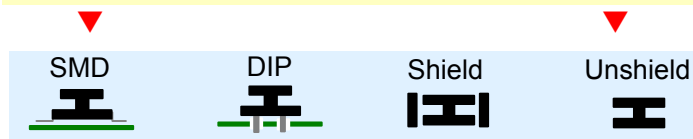


Test Equipment :

- * HP4284A, HP42841A- L, IDC, Q, RDC
- * HP8753D NETWORK ANALYZER- SRF

Standard Atmospheric Conditions:
 Ambient Temp: 20 +/- 15°C
 Relative Humidity: 65 +/- 20%
 If there may be any doubt on the result,
 measurement shall be made within the following limits:
 Ambient Temp: 25 +/- 5°C
 Relative Humidity: 75 +/- 10%

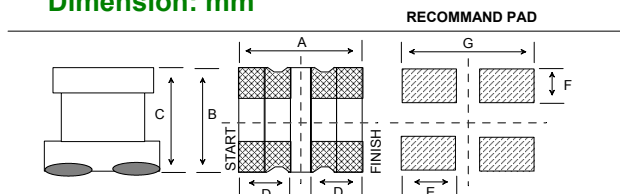
Product Structure



2005 RoHS Compliant - SGS Certified Result

鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr+6	溴化聯苯 PBB	溴化聯苯 醚PBDE
<1000ppm	ND	ND	ND	ND	ND

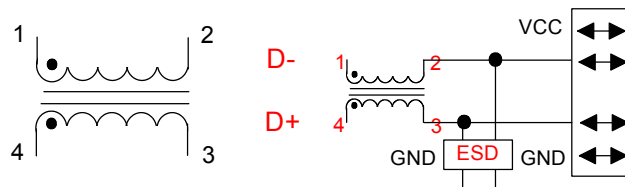
Dimension: mm



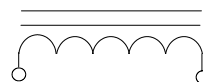
SIZE	A+/-0.4	B+/-0.3	C+/-0.3	D.Typ	E+/-0.3	E.Ref	F.Ref	G.Ref
3225	3.2	2.5	2.0	0.8	2.5	1.6	0.8	4.5
4532	4.5	3.2	2.6	1.2	3.6	2.3	1.0	5.5

SCHEMATIC:

USB1.1/ USB 2.0



SCHEMATIC:





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Operating & Storage Condition:

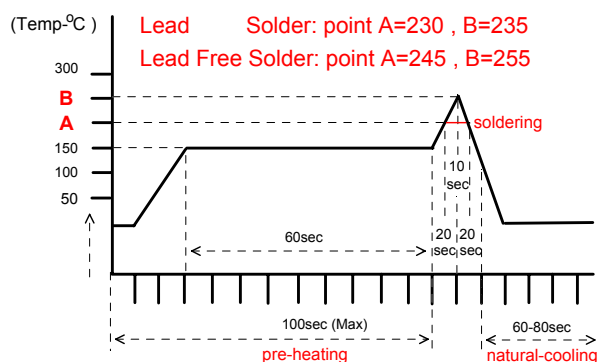
OPERATING TEMP:-40~+85°C
 STORAGE TEMP:-40~+85°C
 STORAGE LIFE TIME: 12 MONTH @25°C , RH 65%

Attention & Caution:

Please avoid following matters:

- * Splashing water or salt water
- * Toxic Gas (Hydrogen sulfide, Sulfurous acid, Chlorine, Ammonia)
- * Vibrations or shocks which exceed the specified condition
- * Dew condenses
- * Please be careful for the stress to this product by board flexure or something after the mounting.

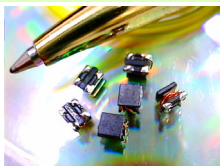
Recommand Reflow Curve (TIME:Second)



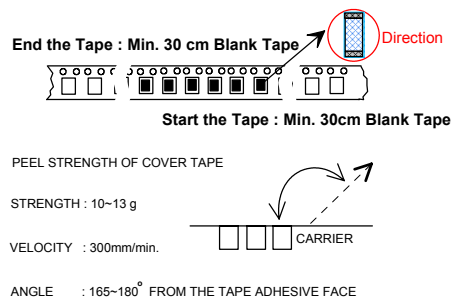
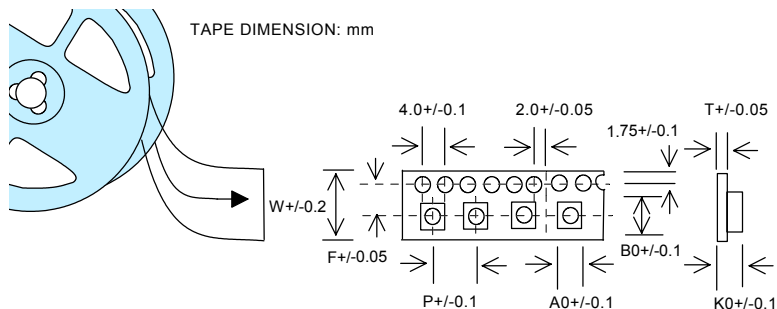
Notice: Iron Soldering: 3 Seconds Max. @260° C

GTLQF-XXXX-XXXN

Part No.	Common Mode (Typ.) impedance (ohm)@100MHz	Edc (V) (max)	DCR (ohm) (max)	Rated Current (mA) (max)
GTLQF - 3225 - 270N	27	20	0.01	600
GTLQF - 3225 - 330N	33	20	0.02	580
GTLQF - 3225 - 390N	39	20	0.03	560
GTLQF - 3225 - 400N	40	20	0.10	450
GTLQF - 3225 - 800N	80	20	0.15	400
GTLQF - 3225 - 161N	160	20	0.20	350
GTLQF - 3225 - 271N	270	20	0.30	300
GTLQF - 3225 - 301N	300	20	0.33	260
GTLQF - 3225 - 561N	560	20	0.45	240
GTLQF - 3225 - 601N	600	20	0.47	230
GTLQF - 3225 - 102N	1000	20	0.50	200
GTLQF - 3225 - 122N	1200	20	0.63	190
GTLQF - 3225 - 202N	2000	20	0.76	170
GTLQF - 4532 - 560N	56	20	0.13	1170
GTLQF - 4532 - 680N	68	20	0.17	950
GTLQF - 4532 - 121N	120	20	0.20	820
GTLQF - 4532 - 161N	160	20	0.22	780
GTLQF - 4532 - 221N	220	20	0.24	620
GTLQF - 4532 - 471N	470	20	0.27	550
GTLQF - 4532 - 501N	500	20	0.31	470
GTLQF - 4532 - 601N	600	20	0.25	1000
GTLQF - 4532 - 122N	1200	20	0.35	380
GTLQF - 4532 - 152N	1500	20	0.39	390
GTLQF - 4532 - 282N	2800	20	0.42	270

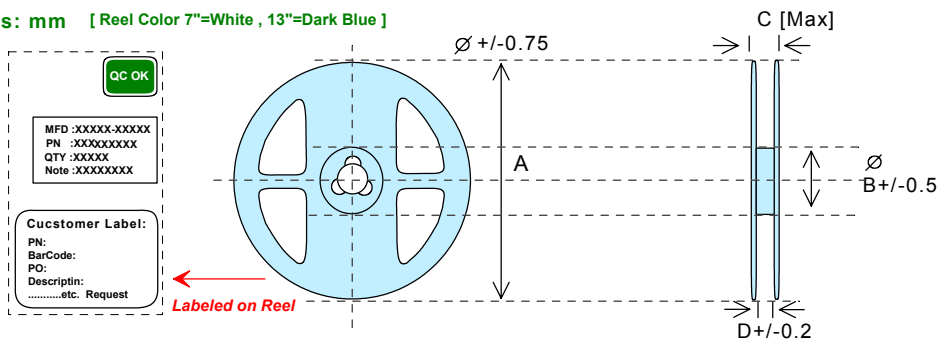


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SIZE/mm	A	B	C	D	E	F	G	H	I	J
3225	8.00	4.00	2.70	3.50	2.20	0.22	4.00	8.00	4.00	2.70
4532	12.00	8.00	3.60	4.90	3.10	0.30	4.70	12.00	8.00	3.60

Reel Dimensions: mm [Reel Color 7"=White , 13"=Dark Blue]



SIZE / mm	A	B	C	D	REEL SIZE	QTY/REEL
3225	178	60	12	10	7"	2.0K
4532	330	105	21	17	13"	2.0K

GTLQF-3225 by 7" Reel

BOX Package: cm

GTLQF-4532 by 13" Reel

BOX Package:cm

