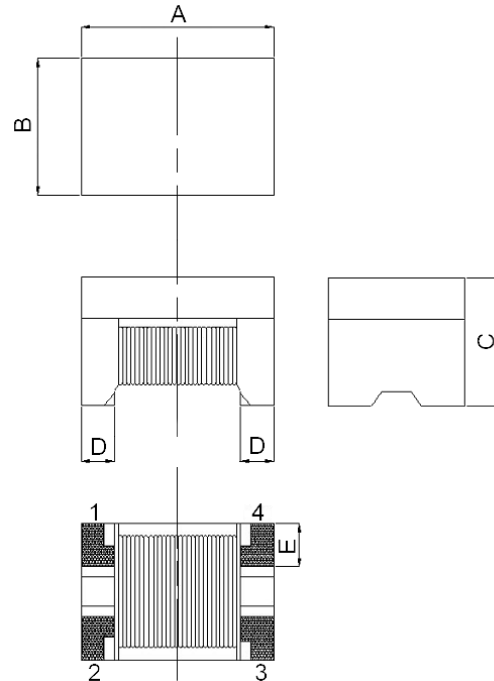


FML3225-Sseries

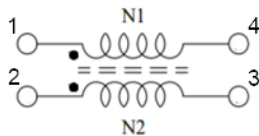


SHAPE AND DIMENSIONS (mm)

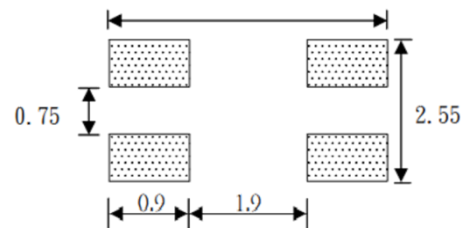
Item	Spec.(mm)
A	3.2 ± 0.2
B	2.5 ± 0.2
C	2.2 ± 0.2
D	0.65 Typ
E	0.80 Typ



EQUIVALENT CIRCUIT DIAGRAM



RECOMMEND PATTERN



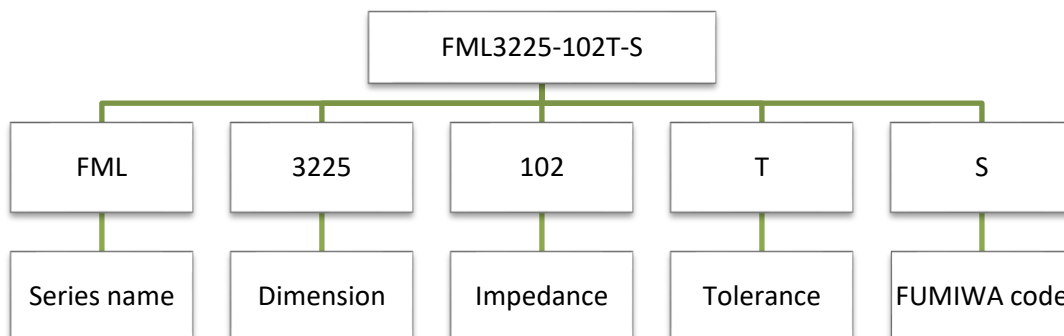
APPLICATIONS

CAN-BUS / Flex Ray system , modems , ISDN , router , switch

RATING

Operating temperature range: -40 to 85°C
Storage temperature range: Under 40°C , Humidity < 75%

PRODUCT IDENTIFICATION (ex.)



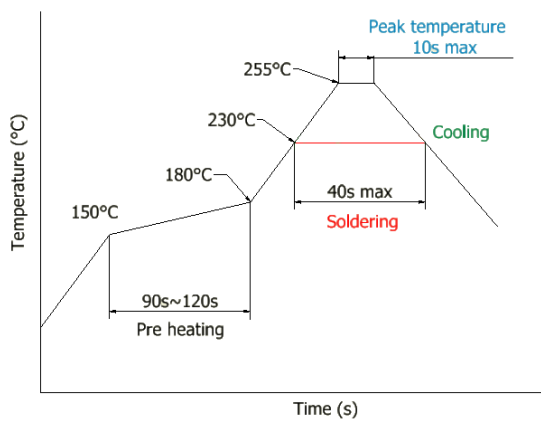
ELECTRICAL CHARACTERISTICS

Part No.	Common Mode Impedance Z(Ω)@100MHz	Rated Voltage V(DC)Typ.	Insulation Resistance (MΩ)Min.	DCR (Ω)Max.	Rated Current (A)Max.
FML3225-501T-S	500	80	10	0.08	2.0
FML3225-102T-S	1000	80	10	0.10	1.5

* Tolerance: T=±25%

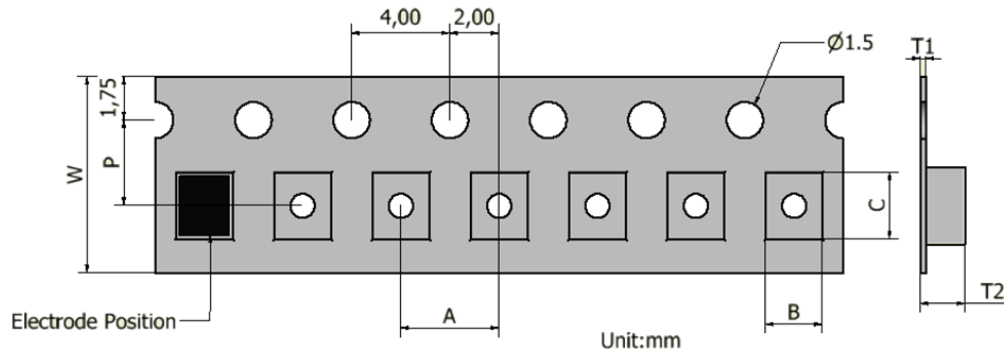
* If Use Wave soldering is there will be some risk. Re-flow soldering temperatures below 240 degrees, there will be unwitting risk

RECOMMENDED SOLDERING CONDITIONS



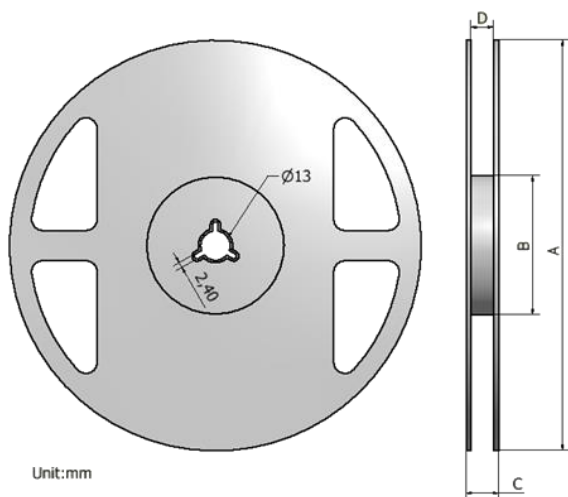
PACKAGE

(1) Taping specifications



Type	W	P	A	B	C	T1	T2
FML3225	8.0±0.2	3.5±0.05	4.0±0.1	2.8±0.1	3.6±0.1	0.25±0.05	2.4±0.1

(2) Reel specifications



Label

Common Mode Filter
 FML3225-□□□T-S
 1,000 PCS
 Lot No. _____
 FUMIWA TECHNICAL CO., LTD.

Type	A	B	C	D	Q'ty/Reel
FML3225	178	60	16.5	14	1,000

Note:

1. Please make sure that your product is has been evaluated and confirmed against your specifications when our product is mounted to your product.
2. Do not knock nor drop.
3. All the items and parameters in this product specification have been prescribed on the premise that our product is used for the purpose, under the condition and in the environment agreed upon between you and us. You are requested not to use our product deviating from such agreement.
4. Please keep the distance between transformer/coil and other components (refer to the standard IEC 950