

Common Mode Filter



RoHS

FEATURES

- Good temperature characteristic (-40°C~+125°C)
- Compliance with car level gauge AEC - Q200 standard
- Compact size
- Effective anti-interference
- High reliability

The filter is suitable for applications that are sensitive to noise, such as analog circuits, and the EMC level can be significantly improved by adding a product to the input end of the power module.

Selection Guide

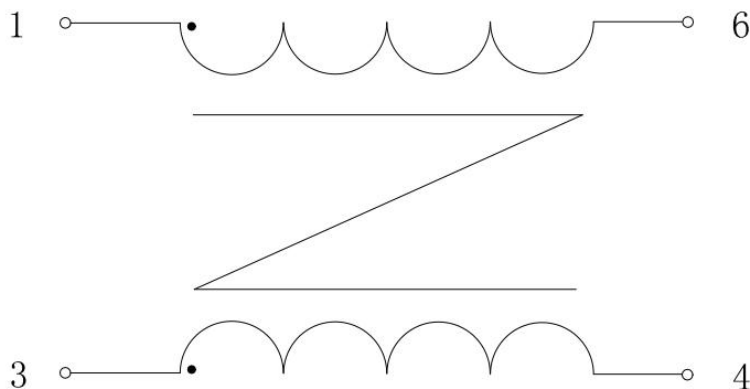
Model	Inductance (min)	Inductance (typ)	Current (A)(max)	DCR(mΩ) (typ)	Weight (g) (typ)	Size(mm) (L*W*H)
FL2T-10-182	1.21mH	1.86mH	1	242	0.8	12.5 X 8.6 X 6.0
FL2T-10-400	27.8uH	39.7uH	1	242	0.8	12.5 X 8.6 X 6.0

General Specifications

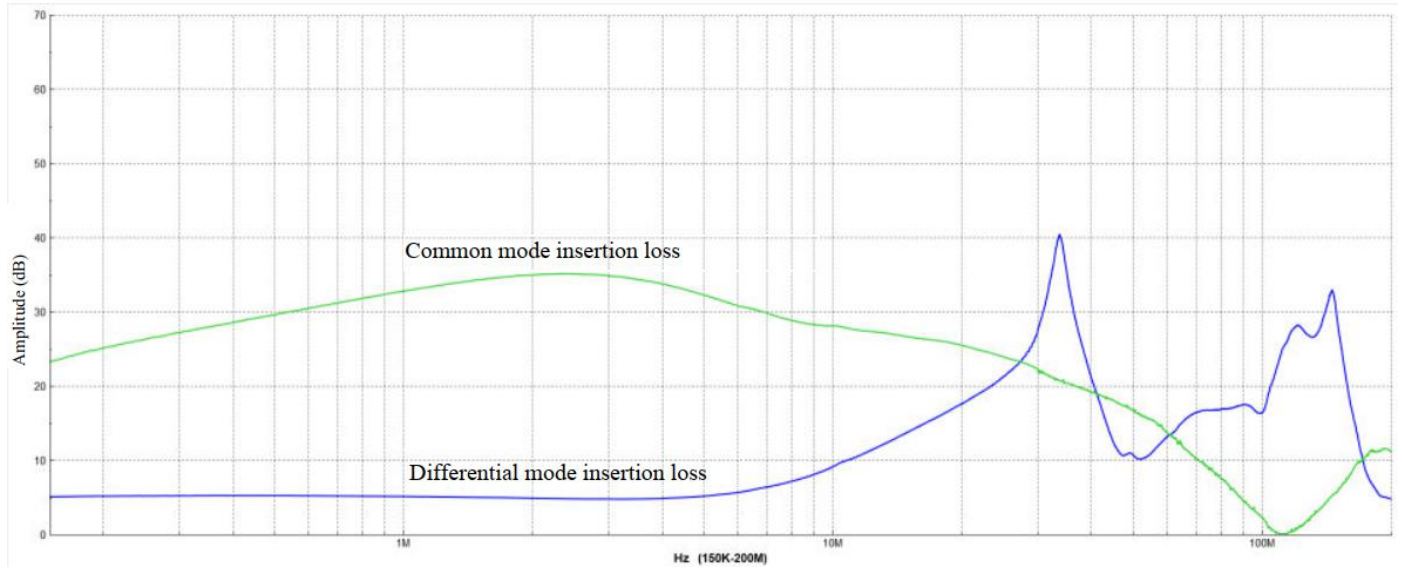
Item	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature		-40	--	+125	°C
Storage Temperature		-40	--	+125	
Storage Humidity		--	--	95	%
Inductance	fo=10KHz, Uo=0.1V	--	30	--	%
Isolation Voltage (COIL-COIL)	Electric strength test for 1 minute with a leakage current of 5mA max	--	--	1500	VAC
		--	--	2000	VDC

Note: *Operating Temperature range includes inductor self heating.

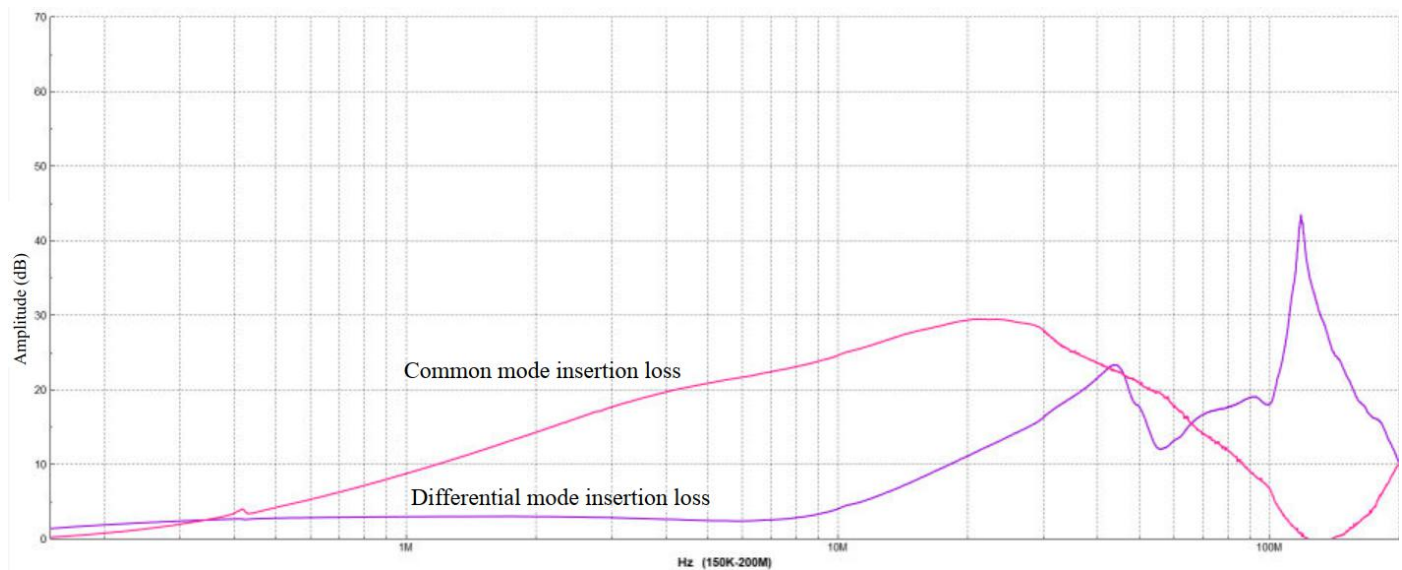
Schematic Diagram Of Pin Mark



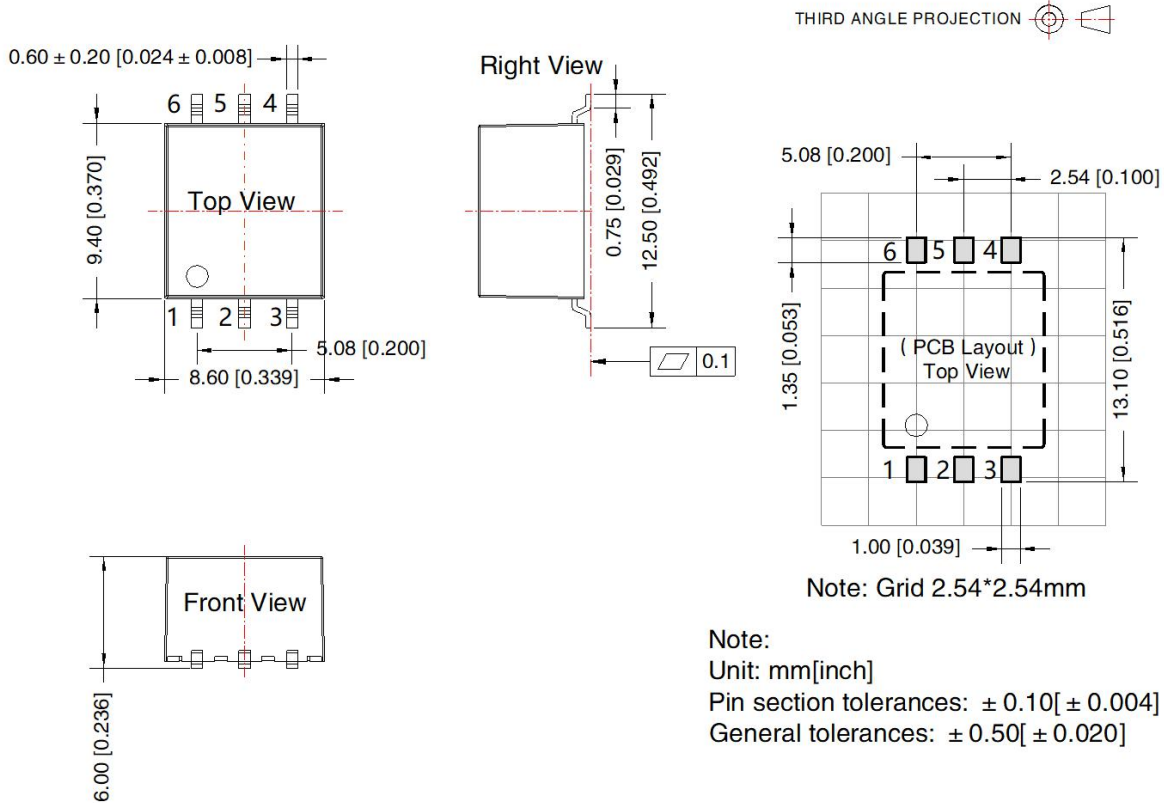
FL2T-10-182 Insertion Loss Specifications (reference value)



FL2T-10-400 Insertion Loss Specifications (reference value)



FL2T-10-xxx Appearance Dimensions, Suggested Printing Layout



Note:

1. For additional information on Product Packaging please refer to www.mornsun-power.com. Packaging bag number: 58200091
2. Unless otherwise specified, data in this data sheet should be tested under the conditions of Ta=25°C, humidity<75%RH;
3. All index testing methods in this datasheet are based on company corporate standards;
4. The performance indexes of the product models listed in this manual are as above, but some indexes of non-standard model products will exceed the above-mentioned requirements, and please directly contact our technicians for specific information;
5. We can provide product customization service, please contact our technicians directly for specific information;
6. Products are related to laws and regulations: see "Features" ;
7. Our products shall be classified according to ISO14001 and related environmental laws and regulations, and shall be handled by qualified units.

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