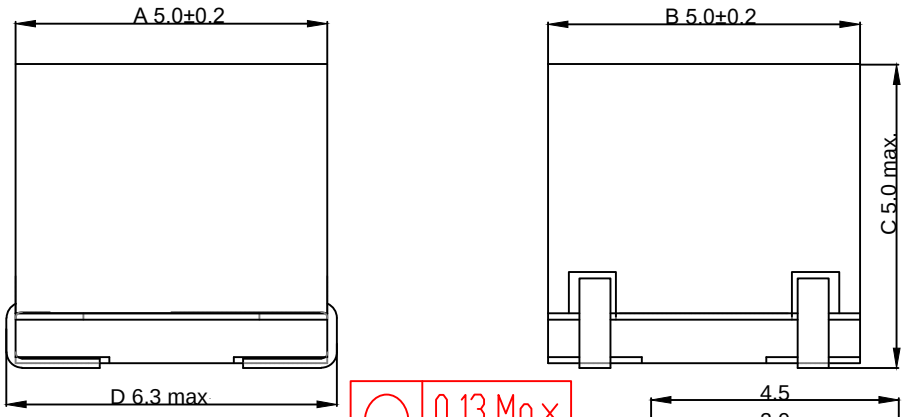
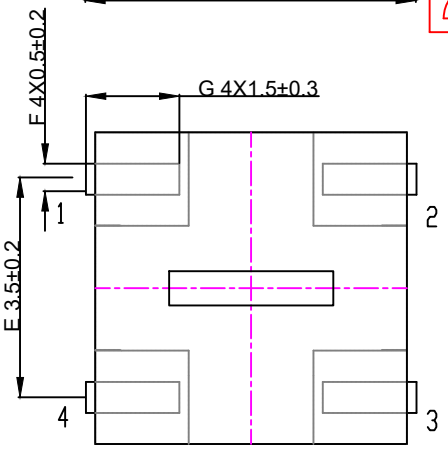
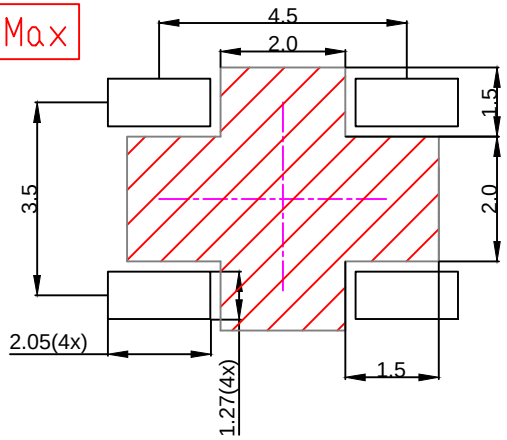
MECHANICAL & DIMENSIONS(mm)

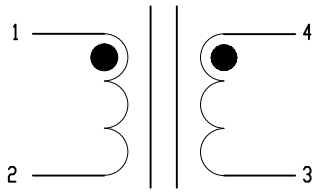




BOTTOM VIEW



RECOMMENDED LAYOUT(TOP VIEW)



SCHEMATIC

ELECTRICAL SPECIFICATION(@25±5°C)

ELECTRICAL CHARACTERISITICS		Min.	Norn.	Max.
Impendence @ 10MHz 1–2/4–3	Ω	300	500	
Leakage inductance @ 100KHz/100mV 1–2/4–3	uH			2.0
DCR 1–2/4–3	mΩ		17	22.1
RATED CURRENT	A		3.1	
RATED VOLTAGE	V		80	
Insulation Resistance	Ω	10M		
Hi–Pot(Wdg to Wdg)	200Vac,1mA,60S,50/60Hz			

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS PART APPLIED FOR EMI PRODUCT
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. WIRE: GRADE 220°C OR ABOVE
3. TIN: LEAD–FREE SOLDER BAR.
4. RELIABILITY GRADE S PER CUSTOMER REQUIREMENT
5. OPERATION TEMPERATURE RANGE: –55°C TO +150°C (INCLUDING SELF–HEATING).
6. STORAGE TEMPERATURE RANGE: –40°C TO 125°C
7. RED SHADES AREA IMPLEMENTS KEEP OUT ZONE TO AVOID VIAS BENEATH IT.

RoHS

REV	DESCRIPTION	DATE	INT
A	Initial release	11/28/2019	YC

DIMENSIONS ARE IN mm.

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Laird

PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
CM6050M501R–10	A		YC

DATE:	SCALE:	MATERIAL:
11/28/2019		

CAD #	TOOL #
	1 of 1