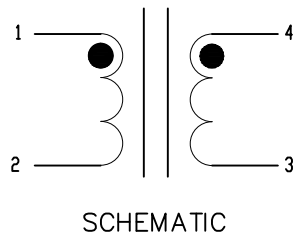
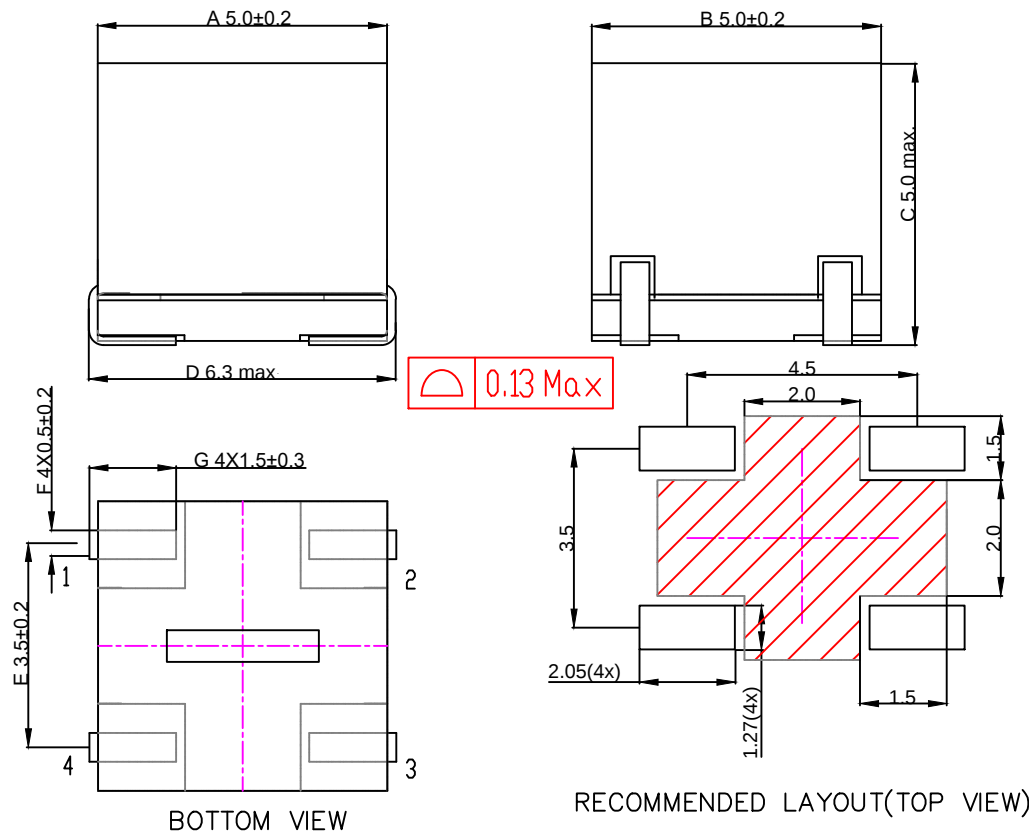


# MECHANICAL & DIMENSIONS(mm)



RoHS

## ELECTRICAL SPECIFICATION(@25±5°C)

| ELECTRICAL CHARACTERISTICS                      |                        | Min. | Norn. | Max. |
|-------------------------------------------------|------------------------|------|-------|------|
| Impedence<br>@ 10MHz<br>1-2/4-3                 | Ω                      | 180  | 300   |      |
| Leakage inductance<br>@ 100KHz/100mV<br>1-2/4-3 | uH                     |      |       | 2.0  |
| DCR 1-2/4-3                                     | mΩ                     |      | 11    | 14.3 |
| RATED CURRENT                                   | A                      |      | 3.7   |      |
| 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.

|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|-----------------------|-----------------|--|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------|------------|-----------|
| DIMENSIONS ARE IN mm. |                 |  |            | <div>This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.</div> <div></div> |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  |        |            |           |
|                       |                 |  |            | PROJECT/PART NUMBER:                                                                                                                                                                                                                                                                                                                                                |  | REV    | PART TYPE: | DRAWN BY: |
|                       |                 |  |            | CM6050M301R-10                                                                                                                                                                                                                                                                                                                                                      |  | A      |            | YC        |
|                       |                 |  |            | DATE: 12/17/2019                                                                                                                                                                                                                                                                                                                                                    |  | SCALE: |            | MATERIAL: |
|                       |                 |  |            | CAD #                                                                                                                                                                                                                                                                                                                                                               |  | TOOL # |            |           |
|                       |                 |  |            |                                                                                                                                                                                                                                                                                                                                                                     |  | 1 of 1 |            |           |
| A                     | Initial release |  | 12/17/2019 | YC                                                                                                                                                                                                                                                                                                                                                                  |  |        |            |           |
| REV                   | DESCRIPTION     |  | DATE       | INT                                                                                                                                                                                                                                                                                                                                                                 |  |        |            |           |

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