

**Product Change Notification
(PCN)**

To: CUSTOMER

Date: 07/03/2024

PCN No: 000124

Concerning Part Name : 0603FLP Series

Product Type : Chip Inductor

Classification of Change : Mechanical and Electrical

Description of Change : Re-design of the component.
Datasheet revise including add and remove models as following.

- New models, 0603FLP-R68X and 0603FLP-R56X.
- Removed models, 0603FLP-2R0X, 0603FLP-3R3X and 0603FLP- 4R5X
- Change pad metallization from tin to gold


For more details, see enclosed datasheet.

Reason of Change : Customer request for improvement

Expected Influence : Dimension and Electrical parameters

Product Identification : Not applicable

Product Availability : Immediate effect

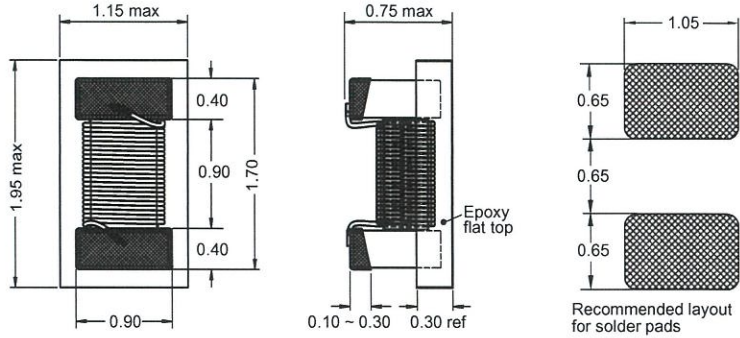
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Approved by: 
Mr. Bernath Laszlo
General Manager

0603 FLP

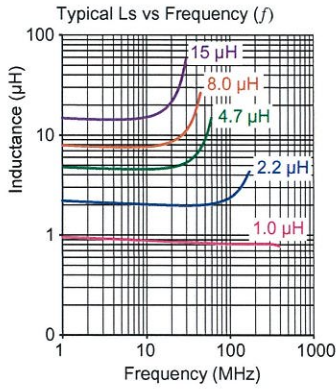


Semi-shielded
Low Profile Design
Engineer's Kit: EK-0603FLP-X

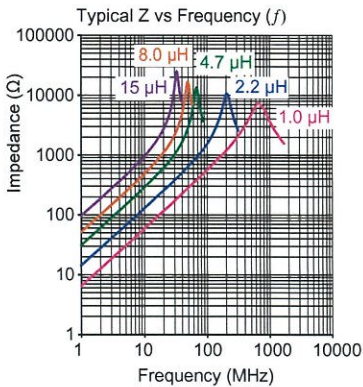


Chip Inductors for RF Applications

Chip Inductors for RF Applications



| Part No | Inductance | f _L | Tol | SRF | DCR | Rated DC Current (A) | |
|-----------------|------------|----------------|-------|-----------|---------|----------------------|------------------|
| | L (µH) | (MHz) | ± (%) | typ (MHz) | max (Ω) | I _{sat} | I _{rms} |
| 0603FLP-R56M-YY | 0.56 | 1.0 | 20 | 850 | 0.300 | 0.700 | 0.680 |
| 0603FLP-R68M-YY | 0.68 | 1.0 | 20 | 670 | 0.350 | 0.620 | 0.600 |
| 0603FLP-1R0M-YY | 1.0 | 1.0 | 20 | 450 | 0.380 | 0.560 | 0.540 |
| 0603FLP-1R5M-YY | 1.5 | 1.0 | 20 | 175 | 0.520 | 0.440 | 0.420 |
| 0603FLP-2R2M-YY | 2.2 | 1.0 | 20 | 150 | 0.750 | 0.380 | 0.350 |
| 0603FLP-4R7M-YY | 4.7 | 1.0 | 20 | 55 | 1.050 | 0.300 | 0.300 |
| 0603FLP-6R8M-YY | 6.8 | 1.0 | 20 | 40 | 1.500 | 0.240 | 0.280 |
| 0603FLP-8R0M-YY | 8.0 | 1.0 | 20 | 40 | 2.500 | 0.200 | 0.200 |
| 0603FLP-100M-YY | 10 | 1.0 | 20 | 30 | 2.900 | 0.180 | 0.180 |
| 0603FLP-150M-YY | 15 | 1.0 | 20 | 25 | 3.600 | 0.140 | 0.140 |



Core Material: Ferrite

Revision date: 08 Mar 2024

SPQ: Taped / Reel 1000 [-08]
4000 [-01]
15000 [-04]

Remarks: Unlisted inductance values available upon request.