

Low Profile High Current Shielded Inductors TL3232SG11

FEATURES:

- Height (4.0 mm)
- Operating temperature range - 55 °C to + 125 °C
- Frequency range up to 5.0 MHz
- RoHS2 Compliant Halogen Free



Specifications(25 °C):

Part Number ⁽¹⁾	INDUCTANCE ⁽²⁾ (μH)	DCR MAX. (mΩ)	HEAT RATING CURRENT (A) ⁽³⁾	SATURATION CURRENT (A) ⁽⁴⁾	SRF (MHz)
TL3232SG11-R22M	0.22	1.3	35	22	120
TL3232SG11-R33M	0.33	2.1	28	16	110
TL3232SG11-R47M	0.47	2.3	25	14	85
TL3232SG11-R68M	0.68	3.2	23	14.5	65
TL3232SG11-R82M	0.82	3.8	20	15.0	60
TL3232SG11-1R0M	1	4.6	18.5	12.0	50
TL3232SG11-2R2M	2.2	9.4	15	10.2	25
TL3232SG11-3R3M	3.3	14.8	11	9.7	22
TL3232SG11-4R7M	4.7	22.5	8.0	8.7	17
TL3232SG11-5R6M	5.6	28.5	7.5	7.6	15
TL3232SG11-6R8M	6.8	33.4	7.0	6.7	13
TL3232SG11-8R2M	8.2	45.0	5.7	6.6	12.8
TL3232SG11-100M	10	51.7	5.4	6.4	12
TL3232SG11-150M	15	65.3	5.0	3.7	11
TL3232SG11-220M	22	94.0	4.4	3.3	8.2
TL3232SG11-330M	33	140.0	3.3	3.2	6.7

Tolerance: M = ±20 %

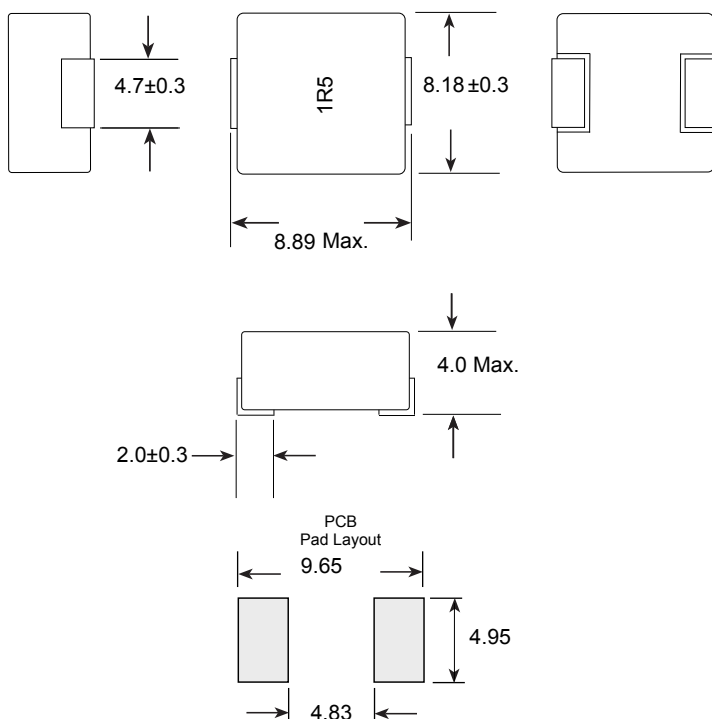
Notes

1. Part numbering (See page 2)
2. Inductance measured at 100 kHz, 0.25V and 0 A
3. DC current (A) that will cause an approximate ΔT of 40°C
4. DC current (A) that will cause initial inductance to drop approximately 20%
5. The part temperature should not exceed 125°C under worst case operating conditions.

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Marking : xxx = Inductance in "μH" 1R5 = 1.5 μH

Dimensions : (mm)



Part numbering:

TL3232SG11-1R5MD

TL- Inductor code, 3232 - Series code,

SG- SMD Green, 11-Frequency ,

1R5 - 1.5 μH, M - Tolerance = ±20% , D - 13" reel

Packaging:

B= Less than full reel machine ready

D= 13" machine ready. EIA-481embossed plastic tape (1000 parts)

Termination:

Matte tin over copper

INDUCTANCE vs CURRENT & ΔT vs CURRENT

