SMD / SMT Inductors (Coils) NLV32T-047J-EF

RoHS Reach Halogen Free Pb Free

| Applications | Commercial Grade |
|---------------|-------------------------------|
| | No Directivity No Directivity |
| Feature | Wire Wound Wire Wound |
| | Ferrite Core |
| Series Type | NLV32-EF |
| Status | Production |
| Brand | TDK |



| | Size |
|------------------------------|----------------|
| Length(L) | 3.20mm ±0.20mm |
| Width(W) | 2.50mm ±0.20mm |
| Thickness Height | 2.20mm ±0.20mm |
| Recommended Land Pattern (A) | 1.20mm Nom. |
| Recommended Land Pattern (B) | 2.00mm Nom. |
| Recommended Land Pattern (C) | 2.00mm Nom. |

| Electrical Characteristics | | | |
|--------------------------------|--------------------|--|--|
| Inductance | 47nH ±5% at 100MHz | | |
| Rated Current | 450mA | | |
| DC Resistance [Typ.] | | | |
| DC Resistance [Max.] | 300mΩ | | |
| Self Resonant Frequency [Min.] | 1.2GHz | | |
| Self Resonant Frequency [Typ.] | | | |
| Q [Min.] | 26 at 100MHz | | |
| Q [Typ.] | | | |

| Other | | |
|---|---------------------------------------|--|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 105°C | |
| | Wave (Flow) | |
| Soldering Method | Reflow | |
| | Iron Soldering | |
| AEC-Q200 | NO | |
| Packing | Embossed (Plastic)Taping [180mm Reel] | |
| Package Quantity | 2000pcs | |
| Weight | 0.05g | |

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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