

## SMRF2007-181MLF Datasheet



DiGi Electronics Part Number SMRF2007-181MLF-DG

Manufacturer Gowanda Electronics

Manufacturer Product Number SMRF2007-181MLF

Description MOLDED VERT TOROIDAL INDUCTOR

**Detailed Description** 1.8 μH Unshielded Molded Inductor 1.54 A 77mOhm

Max Nonstandard

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## **Purchase and inquiry**

| Manufacturer Product Number: | Manufacturer:                          |
|------------------------------|--|
| SMRF2007-181MLF              | Gowanda Electronics                    |
| Series:                      | Product Status:                        |
| SMRF2007                     | Active                                 |
| Type:                        | Material - Core:                       |
| Molded                       |  |
| Inductance:                  | Tolerance:                             |
| 1.8 μΗ                       | ±20%                                   |
| Current Rating (Amps):       | Current - Saturation (Isat):           |
| 1.54 A                       | 1A                                     |
| Shielding:                   | DC Resistance (DCR):                   |
| Unshielded                   | 77mOhm Max                             |
| Q @ Freq:                    | Frequency - Self Resonant:             |
|                              | 114MHz                                 |
| Ratings:                     | Operating Temperature:                 |
|                              | -55°C ~ 125°C                          |
| Inductance Frequency - Test: | Features:                              |
| 10 MHz                       |  |
| Mounting Type:               | Package / Case:                        |
| Surface Mount                | Nonstandard                            |
| Supplier Device Package:     | Size / Dimension:                      |
|                              | 0.402" L x 0.165" W (10.20mm x 4.19mm) |
| Height - Seated (Max):       |  |
| 0.175" (4.44mm)              |  |

## **Environmental & Export classification**

| RoHS Status:     | Moisture Sensitivity Level (MSL): |
|------------------|-----------------------------------|
| ROHS3 Compliant  | 1 (Unlimited)                     |
| REACH Status:    | ECCN:                             |
| REACH Unaffected | EAR99                             |
| HTSUS:           |                                   |
| 8504.50.8000     |                                   |



## **OUR CERTIFICATE**

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