**ELECTRICAL SPECIFICATIONS:**

**FREQUENCY RANGE:** 27.50 to 28.35 GHz

**INSERTION LOSS:** 1.0 dB max, 0.85 dB TYP

**RETURN LOSS:** 17 dB min

**POWER**: 4 W max

**OPERATING TEMPERATURE RANGE:** -40 to +85°C

**DIRECTION:** CLOCKWISE

**SOLDERING PROFILE AS PER**: IPC/JEDEC J-STD-020D

**MATERIAL SPECIFICATION:**

DIELECTRIC SUBSTRATE WITH COPPER CLADDING AND IMMERSION SILVER FOR IN/OUT PADS AND GROUND PLANE.

**NOTES:**

1. STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm.
2. LEAD FREE, NO Ns MATERIAL, B6O FREE.
3. S-PARAMETERS TO BE MEASURED CONNECTING PORT 1 AND PORT 2 TO VNA, PORT 3 TO LOAD.
4. THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS, AS DEFINED IN QUALITY DOCUMENT: QAP 8.4