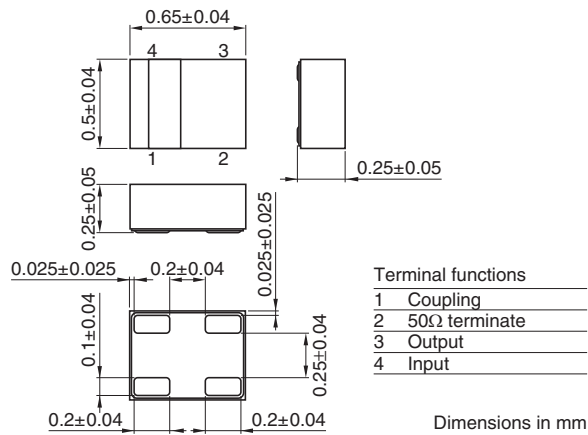


# Thin-film Directional Couplers For W-LAN

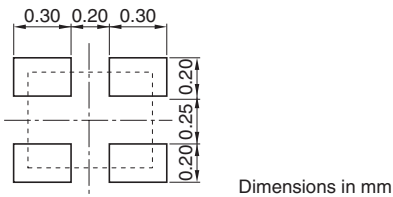
Conformity to RoHS Directive

TFSC Series TFSC06054125-2113A1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

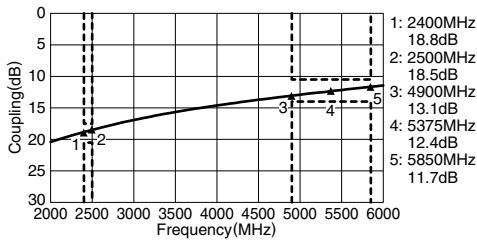
Frequency range	2400 to 2500MHz	4900 to 5850MHz
Coupling factor	19.0±1.5dB	12.5±1.5dB
Insertion loss	0.5dB max.	0.5dB max.
Directivity	15dB min.	15dB min.
VSWR	1.3 max.	1.3 max.
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

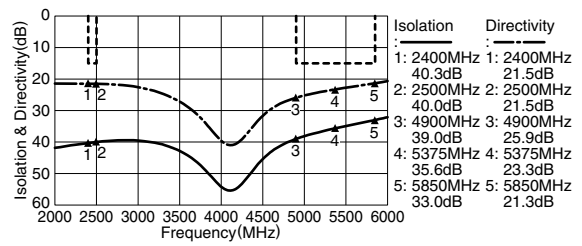
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

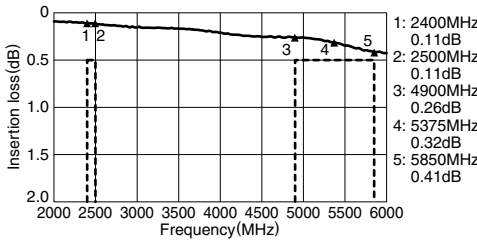
#### COUPLING



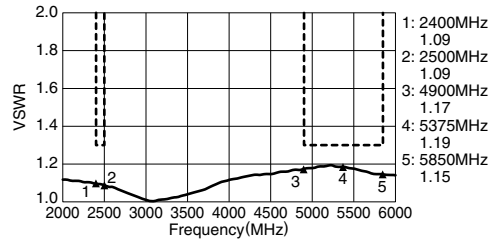
#### ISOLATION & DIRECTIVITY



#### INSERTION LOSS

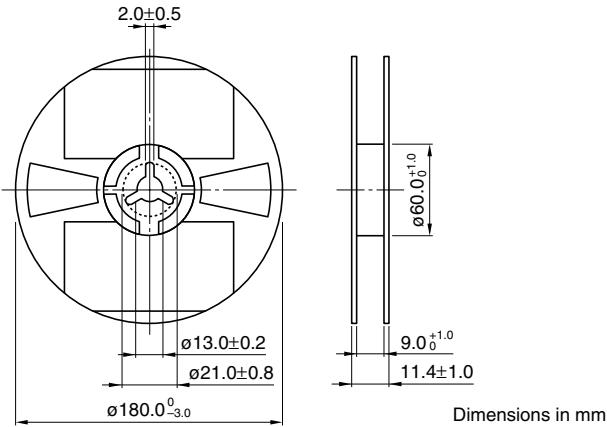


#### VSWR

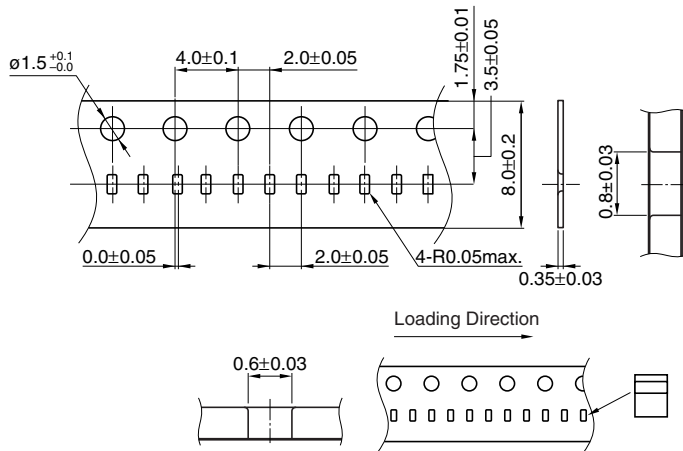


### PACKAGING STYLES

#### REEL DIMENSIONS



#### TAPE DIMENSIONS



• All specifications are subject to change without notice.