

Circulator

Single Junction Surface Mount

Model: DSW1055-A

Application - WIRELESS

- ♦ UMPTS
- ♦ Automatic Insertion
- ♦ Reflow Solder Processes

Benefits

- ♦ Excellent Coplanarity
- ♦ Magnetically Screened
- ♦ Reliable Performance
- ♦ Low IM3 Performance

Features

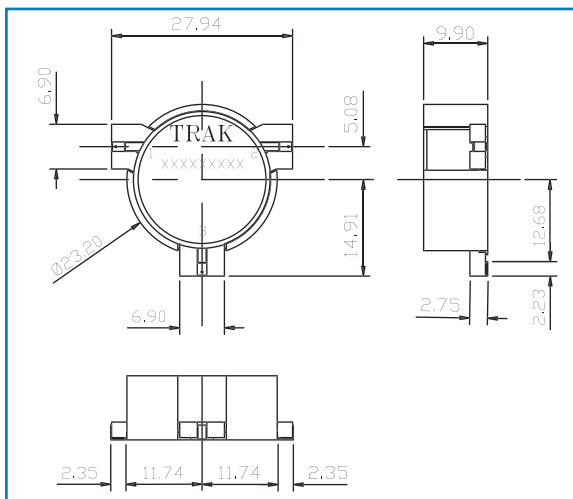
- ♦ Tape and Reel Available
- ♦ Robust Construction
- ♦ CW or CCW Circulation
- ♦ External Load Return Loss = >25dB,
IM 3rd Order = -100 dBms
- ♦ Also Available in PCS1900/DCS1800, EGSM, AMPS



Specifications

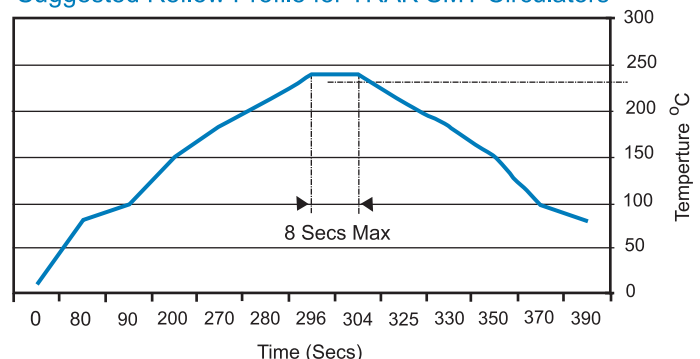
Parameter	Specification			Unit	Parameter	Specification			Unit
Frequency	2100 to 2170			MHz		Min	Typ	Max	
	Min	Typ	Max		Operating Temp.	-10	-	+70	°C
Isolation	22	24	-	dB	Forward Power	-	-	25	W
Insertion Loss	-	0.25	0.3	dB	Interface	Tab			-
Return Loss	20	22	-	dB					

Drawing



Test Data

Suggested Reflow Profile for TRAK SMT Circulators



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