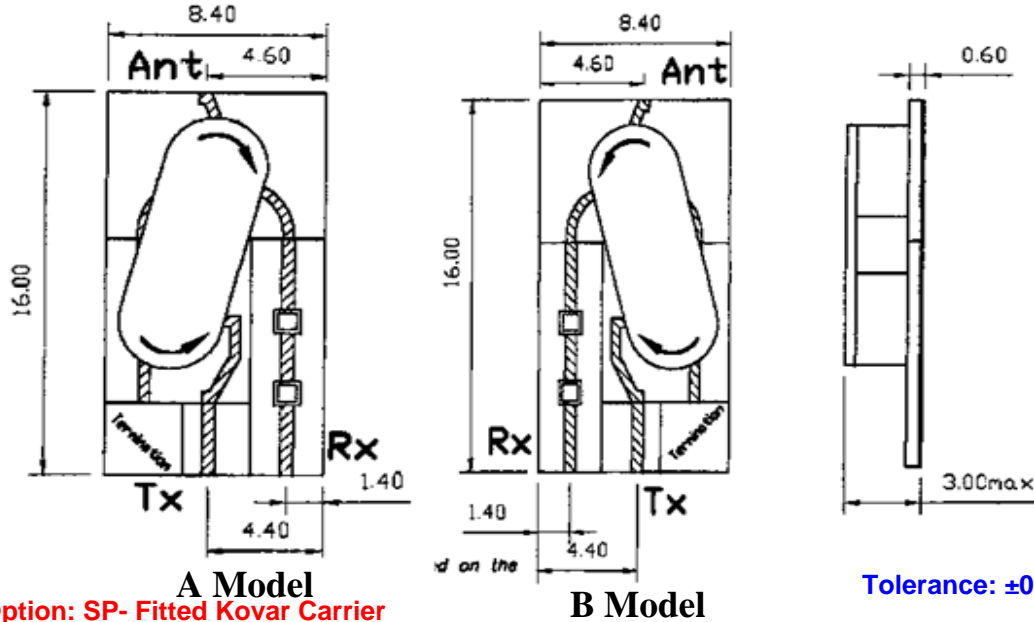


Microstrip Duplexer (Circulator/ Isolator) with Limiter, Model A, 9.0-10.0GHz, MSDJ package, 10 Watt

code-e

RCI-LIM-A-9.2-10.0-MSDJ-10/10W-e

RCI-LIM-B-9.2-10.0-MSDJ-10/10W-e



Option: SP- Fitted Kovar Carrier

Application Notes

- 1 The devices should be mounted on the NON MAGNETIC carrier or base. The minimal thickness 1mm or use Option: SP- fitted Kovar Carrier
2. Plating: Gold. RoHS compliant.
3. Load and Tuning conductor (97In3Ag) optional location and configuration can vary determined by vendor
4. Humidity 5 to 95% non-condensing.
5. Maximum temperature during welding process $+350\text{C}$ @ 25mSec

Specifications	Symbol	Min Value	Max Value	Units
Frequency:		9.2	10.0	GHz
Power rating: Average CW	Pavg		10	W
Peak	Pp		10	W
Operating Temperature	Top	-40	+85	°C
Storage temp. range	Tstr	-40	+125	°C
Insertion loss level: TX to Antenna	IL1		0.9	dB
Insertion loss level: Antenna to RX	IL2		1.4	dB
Isolation: Antenna to TX	ISO1	33		dB
Isolation: TX to RX	ISO2	18		dB
Isolation: RX to Antenna	ISO3	18		dB
Return Loss at Antenna & TX ports	RL1	18		dB
Return Loss at RX port	RL2	16		dB
Recovery time (from max. attenuation to -1dB of loss)	RT		2	usec
Limiter Leakage (Ant = +36dBm)	LLK		+10	dBm

RCI-LIM-A(B)-9.2-10.0-MSDJ-10-10W-e **Specifications may be subject to change**

01/27/11

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