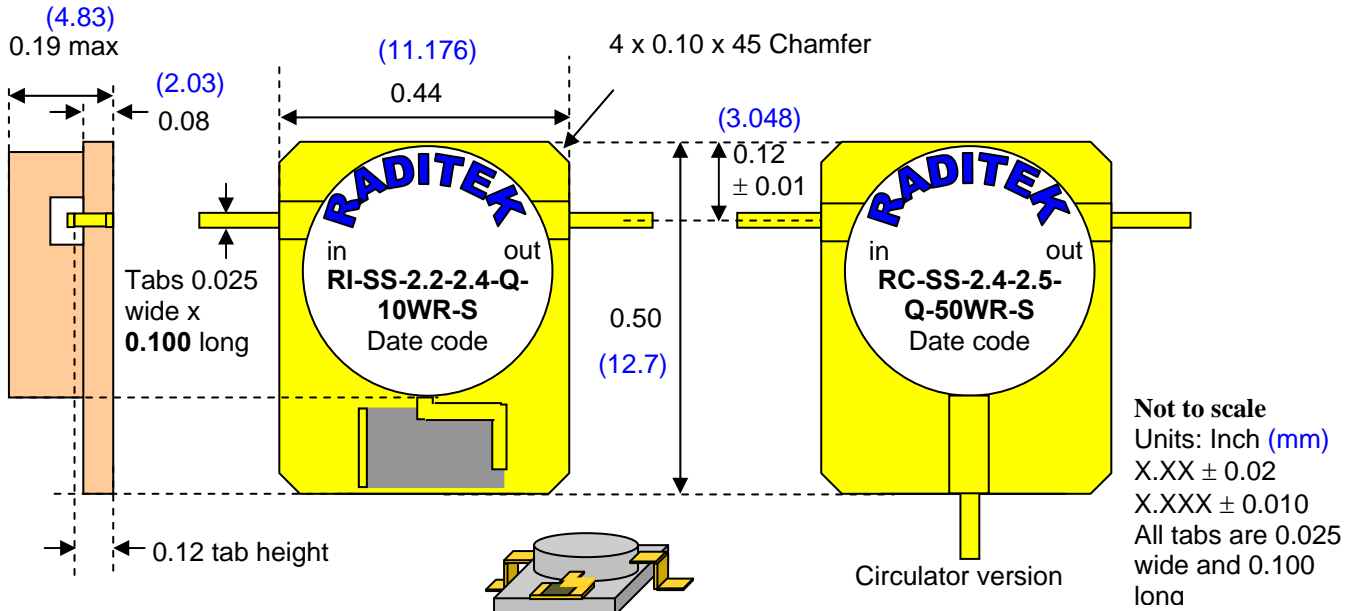


## Isolator (Circulator) 2.2-2.5GHz (5% Bandwidth) Q Model, 10 Watts

The **RI-SS-Q**-series of isolators are low cost, miniature units intended for inter-stage matching. They have a 10 W load and can be soldered or epoxied down. Leads can be surface mount or straight.



Direction of RF:	
R	Default →
L	←

Option -S surface mount leads shown. (Typical)  
Also available with straight flat tabs

Order Examples: **RI-SS-2.2-2.5-Q-10WR**  
**I=ISOLATOR / C=CIRCULATOR**

### Specifications:

Frequency Range GHz		Insertion loss dB (Amb/temp)	Isolation dB (Amb/temp)	Return loss dB All ports (Amb/temp)	Power rating fwd (W)	Power rating reverse (W)	Temperature (operating) °C	
2.2-2.3	UMTS	0.89 / 0.95	17 / 18	17 / 18	>50	10	0 to 70	non smt
2.2-2.4	UMTS	0.9/1.1	16.4/16	16.4/15.5	>50	10	0 to +85	non smt
2.2-2.4	UMTS	0.90 / 0.97	16.4 / 17.2	16.4/16.7	>50	10	0 to 85	-s (smt) dc ud 7/27/11
2.2-2.4	UMTS	0.9	16/17	16/17	>50	10	0 to 70	-s (smt)
2.2-2.5	UMTS	0.9	16/17	16/17	>50	10	0 to 70	non smt
2.2-2.5	UMTS	1.0	15/16	15/16	>50	10	0 to 70	-s (smt)
2.4-2.5	UMTS	0.5/0.6	18.5/19.5	20/17.5	>50	10	0 to 85	-s (smt) DC 05/24/11