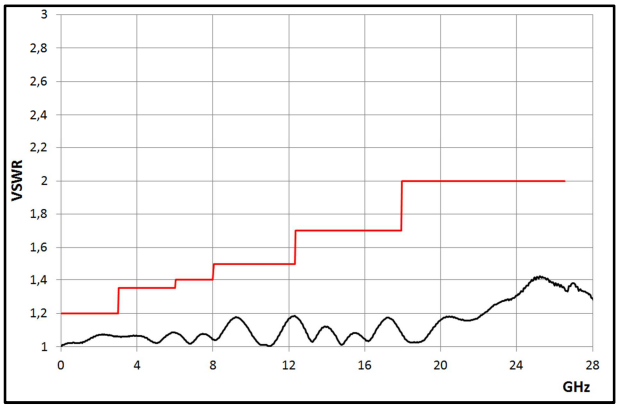
RF PERFORMANCES (1)

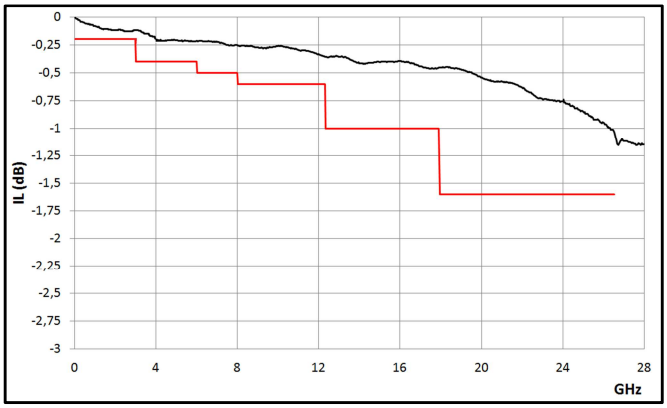
Frequency Range (GHz)		V.S.W.R	IL	Isolation (min) dB		Average power W	Third order Inter modulation	Impedance
		(max)	(max) dB	switch alone	switch+board layout (1)	hot switching		Ohms
DC – 8 DC – 18 DC – 26.5	DC – 3	1.20	0.20	50	50	40	-110 dBc Typical @ 1730 MHz (2 carriers 20W)	50
	3 – 6	1.35	0.40	40	40	25		
	6 – 8	1.40	0.50	40	40	5		
	8 – 12.4	1.50	0.60	40	30	3		
	12.4 – 18	1.70	1.00	40	30	1		
	18 – 26.5	2.00	1.60	40	30	1		

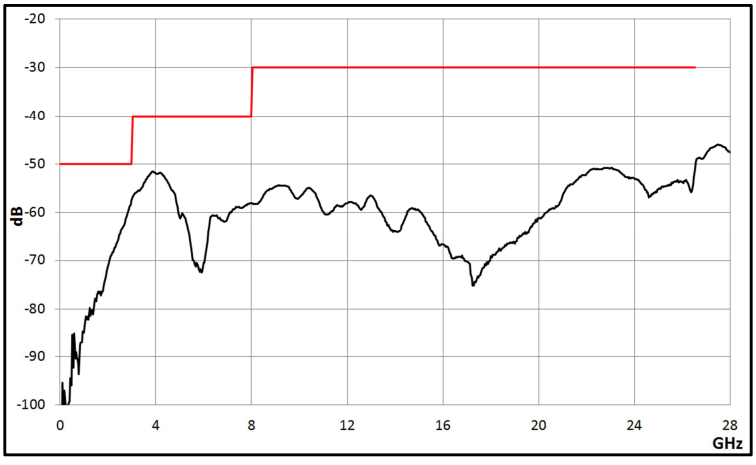
(1) : at high frequency, manual soldering may generate spikes and RF characteristics degradation, due to air gaps between PC board and relay ground.

TYPICAL RF PERFORMANCE - MEASUREMENT METHOD USING ***UOSM 2.92mm CALIBRATION***

2.92mm UOSM calibration is performed to extract RF performances of SMT relay. **VSWR values are those of the complete evaluation board** (Relay + coaxial connectors and microstrip access lines). **Insertion loss values are those of the relay by subtracting the loss of an equivalent length of microstrip access line.**

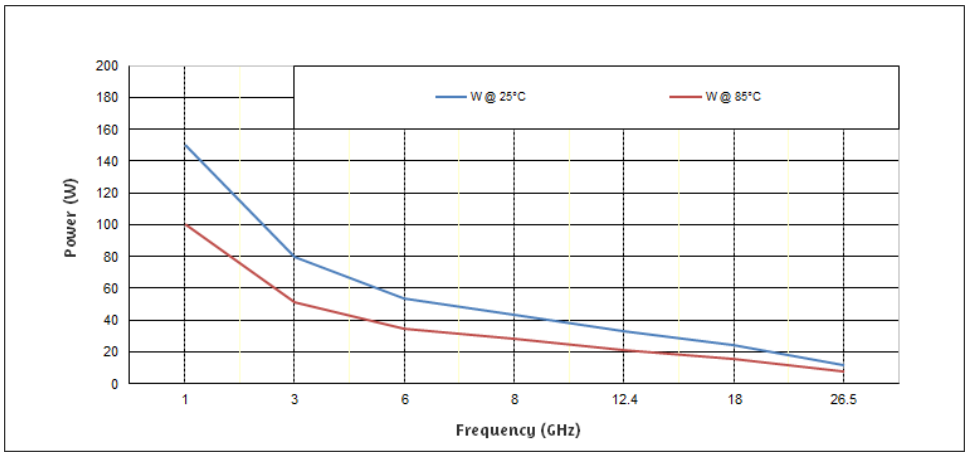






This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

RF POWER RATING FOR COLD SWITCHING USE

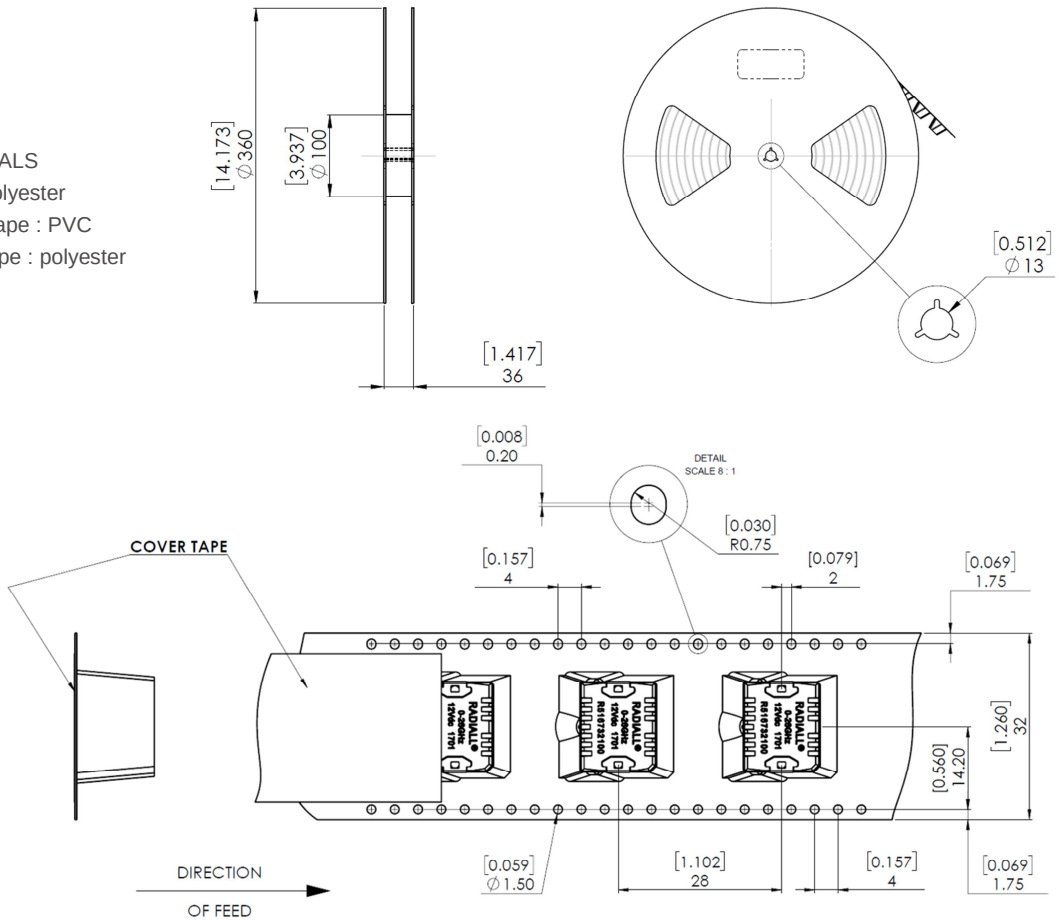


RELAY PACKAGING

For relays soldered on test fixture: individual packaging
For not soldered relays:
For quantities up to 50 relays: packaged in tape without reel
For upper quantities: packaged in tape and reel, maximum **200** relays per reel

ACCORDING TO IEC 286-3 STANDARD

MATERIALS
Reel : polyester
Carrier tape : PVC
Cover tape : polyester



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.