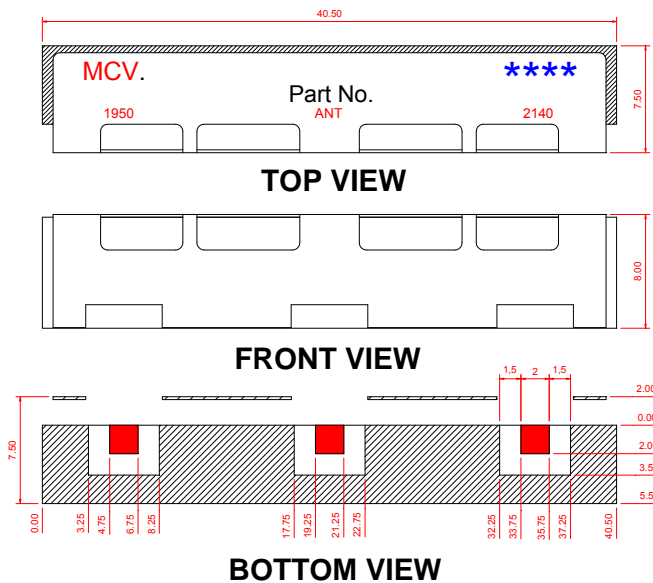


Electrical Specifications



Item	Parameter	Unit	Specification	
			Low (RX)	High (TX)
1	Center Frequency	MHz	1950	2140
2	Bandwidth	MHz	$F_c \pm 30$ (1920 ~ 1980MHz)	$F_c \pm 30$ (2110 ~ 2170MHz)
3	Insertion Loss in BW	dB	1.5 max	1.5 max
4	Passband Ripple	dB	0.6 max	0.6 max
5	Return Loss in BW	dB	15 min	15 min
6	Attenuation	dB	50 min @ 2110 ~ 2170MHz	50 min @ 1920 ~ 1980MHz
			5 min @ 1840 & 2250 MHz	
7	Input Power	Watt	10 max	
8	IN/OUT Impedance	Ω	50	
9	Operating Temp. Range	$^{\circ}\text{C}$	-45 ~ +85	

Dimensions (unit: mm)

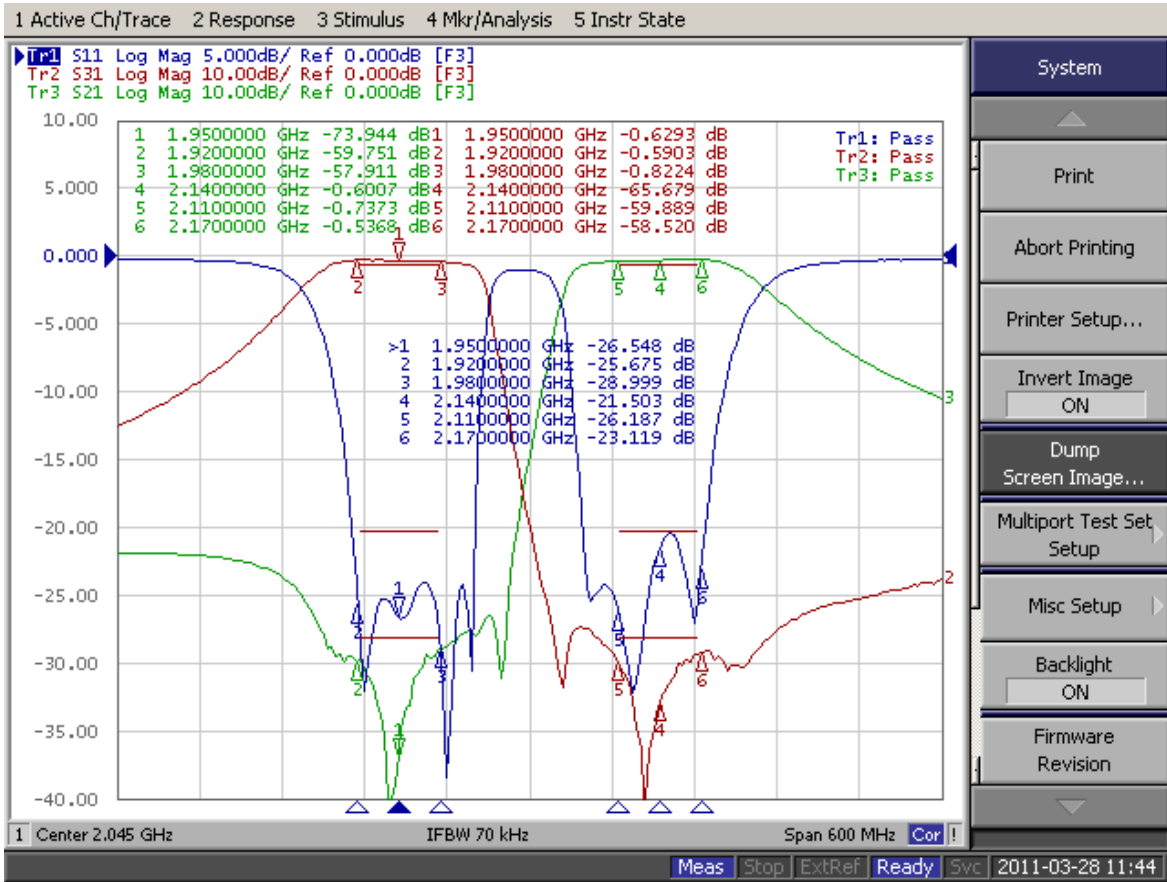


Notes :

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230 $^{\circ}\text{C}$ for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Tolerance unless specified : ± 0.3
6. **** -> Date code(YYYW)

 : In / Out Port
 : Ground

Plots





DHNM1950-2140-60A1