



PLANAR MONOLITHICS INDUSTRIES, INC.

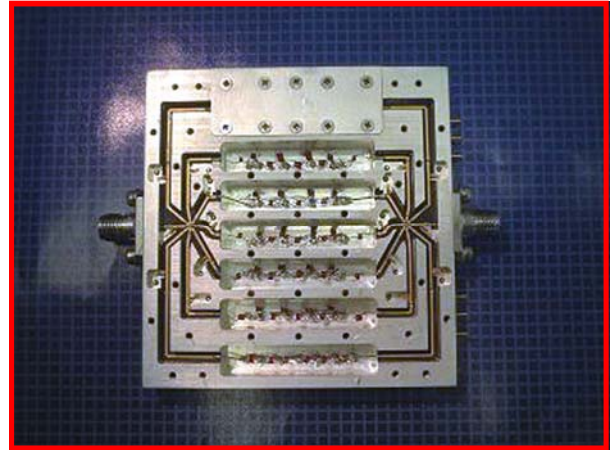
A TRADITION OF EXCELLENCE SINCE 1989

ISO9001-2015 and AS9100D CERTIFIED

7 CHANNEL SWITCH FILTER BANK PFC MODEL NUMBER: 7SFB-0R258R3-5-15-SFF

KEY FEATURES:

- 60 dBc REJECTION TO 20 GHz
- BROADBAND (0.25 TO 8.30 GHz)
- ULTRA-SMALL PACKAGE
- LOW PASSBAND LOSS



SPECIFICATION:

FREQUENCY	0.25 TO 8.30 GHz
7 CHANNELS	SEE TABLE BELOW
RF POWER	+15 dBm Max.
INSERTION LOSS	5.0 dB Max. (within the Passband)
DIFFERENTIAL GROUP DELAY	10 ns Max. (for any 500 MHz segment)
3rd ORDER INTERCEPT (input)	+30 dBm Min.
SWITCHING SPEED	0.8 μ s Max.
VSWR	2.0:1 Max. for Filters F1-F6 2.1:1 Max. for Filter F7
OPERATING TEMP.	-10°C to +70°C
STORAGE TEMP.	-30°C to +100°C
POWER SUPPLY	+5V \pm 5% @ 195mA Max. -12V \pm 5% @ 75mA Max.
SIZE	2.6" X 2.5" X 0.41"

Filter Path	-65 dBc Reject Band	Low Loss Passband (GHz)	-60dBc Reject Band (GHz)
No. 1		0.25 to 1.50	2.25 to 20.00
No. 2	DC to 200 MHz	0.95 to 1.70	2.45 to 20.00
No. 3	DC to 300 MHz	1.15 to 2.00	2.85 to 20.00
No. 4	DC to 350 MHz	1.45 to 2.55	3.65 to 20.00
No. 5	DC to 500 MHz	2.00 to 3.50	5.00 to 20.00
No. 6	DC to 700 MHz	2.95 to 5.20	7.45 to 20.00
No. 7		4.65 to 8.30	11.95 to 20.00

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