

DESCRIPTION:

PMI model number 13CL435R5-25-CD-NFF is a Cavity filter with N-Type female connectors. connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: 435.5 MHz
- BANDWIDTH: 26 MHz, 6%
- PASSBAND EDGES: 423 TO 448 MHz
- INSERTION LOSS (PASSBAND): 2.5dB MAX.
- INSERTION LOSS RIPPLE: 1.0dB MAX.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- REJECTION @ 411 MHz: 70dBc
- REJECTION @ 420 MHz: 30dBc
- REJECTION @ 451 MHz: 25dBc
- REJECTION BELOW 400 MHz: 60dBc
- REJECTION ABOVE 460 MHz: 60dBc
- POWER HANDLING: 10 WATT, 100 WATTS PEAK
- CONNECTORS: N-TYPE (Female/Female)
- SIZE 16.074" (L) x 4.406" (W) x 4.338" (H)

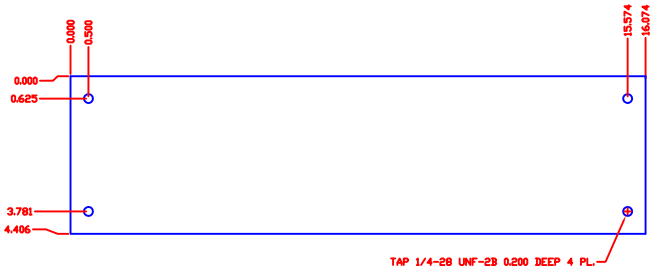
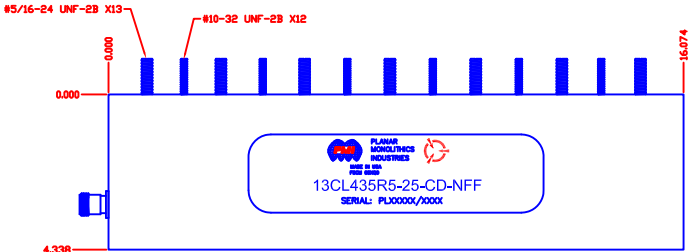
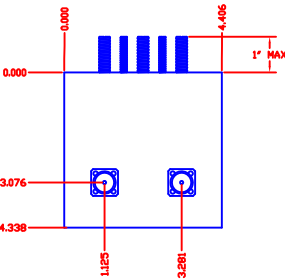
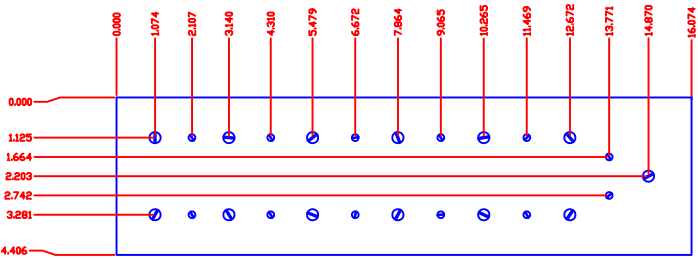
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	10/14/05	



CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS		DATE	TITLE	
DRAWN		10/14/05	PRODUCT FEATURE	
CHECKED			13CL435R5-25-CD-NFF	
ISSUED			SIZE	FSCM NO.
			A	1QJWO
			DWG NO.	27000953
			SCALE	N/S
			SHEET	1 of 1