

(f = 40 - 750 MHz)

S

GF

**IRL/ORL** 

RLD

CSO<sub>110</sub>

CSO<sub>77</sub>

0.2

\_

20

0.7

0.4

25

- 67

- 67

1.2

0.6

0.006

- 60

- 60

dB

dB/MHz dBc

Slope (f = 40 - 750 MHz)

Composite Second Order

Gain Flatness (Peak To Valley)

Input/Output Return Loss @ f = 40 MHz

(V<sub>out</sub> = +40 dBmV/ch; 110 Channels)

(V<sub>out</sub> = +44 dBmV/ch; 77 Channels)

Derate Return Loss @ f > 40 MHz



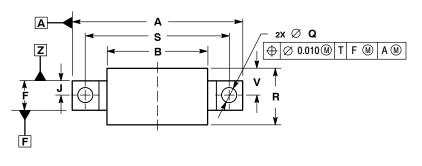
**DRMATI** 



Characteristic	Symbol	Min	Тур	Max	Unit
Cross Modulation Distortion (V <sub>out</sub> = +40 dBmV/ch, 110-Channel @ Fm = 55.25 MHz) (V <sub>out</sub> = +44 dBmV/ch, 77-Channel @ Fm = 55.25 MHz)	XMD <sub>110</sub> XMD <sub>77</sub>		- 63 - 59	- 60 - 56	dBc
Composite Triple Beat (V <sub>out</sub> = +40 dBmV/ch, 110-Channels, Worst Case) (V <sub>out</sub> = +44 dBmV/ch, 77-Channels, Worst Case)	СТВ <sub>110</sub> СТВ <sub>77</sub>		- 64 - 65	- 61 - 62	dBc
Noise Figure f = 50 MHz f = 750 MHz	NF	_	3.7 5	4.5 6.5	dB
DC Current	I <sub>DC</sub>	180	220	240	mA



# PACKAGE DIMENSIONS



– 2X U

Х 4X G 2X 6-32UNC-2B

Ε

Ε

⊕ Ø 0.020 ₪ T A ₪ X

7X D

⊕ Ø 0.010 ₪ Z T A ₪

С

∔ κ ¥

z

X

NOTES: 1. DIMENSIONS ARE IN INCHES. 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M, 1994.

FER AGME 114.3M, 1354.						
	INC	HES	MILLIMETERS			
DIM	MIN	MAX	MIN	MAX		
Α		1.775		45.085		
В		1.085		27.559		
С		0.840		21.336		
D	0.015	0.021	0.381	0.533		
Е	0.465	0.510	11.811	12.954		
F	0.300	0.325	7.62	8.255		
G	0.100	BSC 2.540 BSC		0.100 BSC		BSC
J	0.156 BSC		3.962 BSC			
K	0.315	0.355	8.001	9.017		
L	1.000 BSC		25.400 BSC			
Ν	0.165 BSC		4.191 BSC			
Ρ	0.100 BSC		2.540 BSC			
Q	0.148	0.168	3.759	4.267		
R		0.600		15.24		
S	1.500 BSC		38.100 BSC			
U	0.200 BSC		5.080 BSC			
V		0.250		6.350		
W	0.435		11.049			
X	0.400 BSC		10.160 BSC			
Y	0.152	0.163	3.861	4.140		
Z	0.009	0.011	0.229	0.279		

STYLE 1:	
	RF INPUT
2.	GROUND
3.	GROUND
4.	DELETED
5.	VDC
6.	DELETED
7.	GROUND
	GROUND
9.	RF OUTPUT

A

w

CASE 1302-01 **ISSUE E** 

Ν

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∠₂x Ø Y

⊕ Ø 0.010 M Z T A M

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