# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

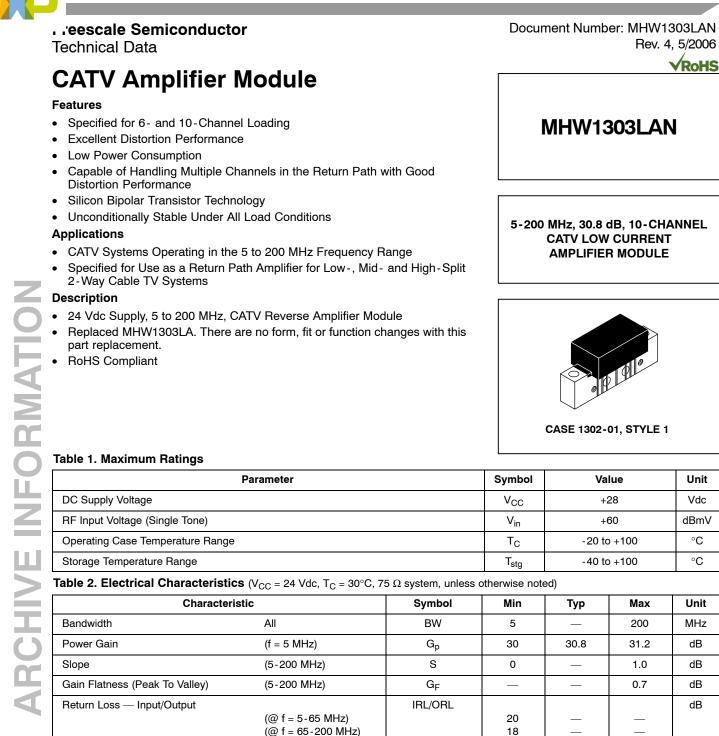
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

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6-Channel FLAT

10-Channel FLAT

CSO<sub>6</sub> CSO<sub>10</sub>



-68

-65

-73

-70

dBc

Composite Second Order

(V<sub>out</sub> = +50 dBmV per Ch., Worst Case)

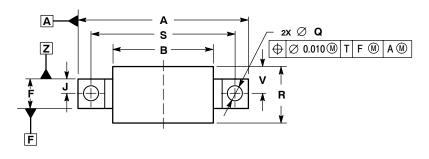


Characteristic	Symbol	Min	Тур	Max	Unit dBc
Cross Modulation Distortion					
(V <sub>out</sub> = +50 dBmV per Ch., Worst Case)					
6-Channel FLAT	XMD <sub>6</sub>	_	- 67	- 64	
10-Channel FLAT	XMD <sub>10</sub>	_	- 61	- 58	
Composite Triple Beat					dBc
(V <sub>out</sub> = +50 dBmV per Ch., Worst Case)					
6-Channel FLAT	CTB <sub>6</sub>	_	- 76	- 74	
10-Channel FLAT	CTB <sub>10</sub>	_	- 67	- 64	
Noise Figure	NF				dB
(f = 5-200 MHz)		-	5	5.7	
DC Current	I <sub>DC</sub>	85	95	110	mA

Table 2. Electrical Characteristics ( $V_{CC}$  = 24 Vdc,  $T_{C}$  = 30°C, 75  $\Omega$  system, unless otherwise noted) (continued)



## PACKAGE DIMENSIONS



2X U

х

4X G

2X 6-32UNC-2B

E

Е

⊕ Ø 0.020 M T A M X

7X D

 $\oplus$   $\emptyset$  0.010 M Z T A M

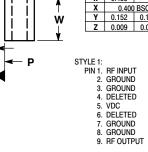
С

ĸ

Ζ

X

	INCHES		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		
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		
Х	0.400 BSC		10.160 BSC		
Y	0.152	0.163	3.861	4.140	
Ζ	0.009	0.011	0.229	0.279	



CASE 1302-01 ISSUE E

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 $\begin{array}{c|c} & \swarrow & 2\mathbf{X} & \oslash & \mathbf{Y} \\ \hline \oplus & \oslash & 0.010 & \bigcirc & \mathbb{Z} & \mathsf{T} & \mathsf{A} & \textcircled{} \end{array}$ 



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