MOTOR 1004供应商 SEMICONDUCTOR TECHNICAL DATA

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by MHW1304L/D

The RF Line Low Distortion Wideband Reverse Amplifier Modules

Designed specifically for broadband applications requiring low distortion characteristics. Specified for use as return amplifiers for low–split 2–way cable TV systems. Features all gold metallization system.

- Guaranteed Broadband Power Gain
- Guaranteed Broadband Noise Figure
- Superior Gain, Return Loss and DC Current Stability with Temperature
- All Gold Metallization
- Circuit Design Optimized for Good RF Stability Under High VSWR Load Conditions
- Transformers Designed to Insure Good Low Frequency Gain Stability versus Temperature



24 Vdc 50 MHz 30 dB CATV LOW CURRENT AMPLIFIER



MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
DC Supply Voltage	V _{CC}	+28	Vdc
RF Input Voltage (Single Tone)	VIN	+70	dBmV
Operating Case Temperature Range	тс	- 20 to +100	°C
Storage Temperature Range	T _{stg}	- 40 to +100	°C

ELECTRICAL CHARACTERISTICS (V_{CC} = 24 Vdc, T_C = 30°C, 75 ohm system, unless otherwise noted)

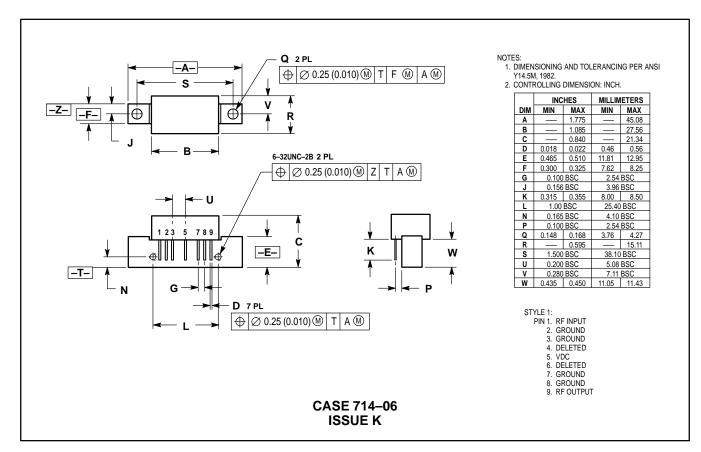
50 2 30.8	MHz dB
2 30.8	dB
and have	dB
-70	dBc
-57	dBc
-66	dBc
4.5	dB
135	mA
	-66 4.5



(Replaces MHW1184L/D)



PACKAGE DIMENSIONS



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