

No.2626A

LA6501

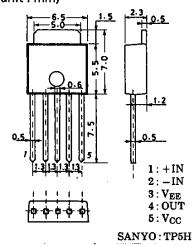
Power Operational Amplifier

Features

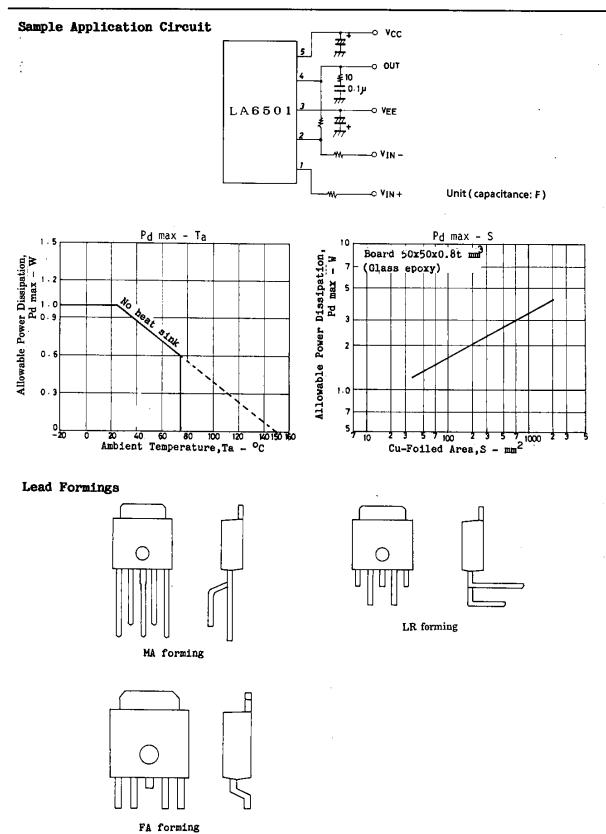
- . High output current (Io max=1.0A)
- . High gain
- . With current limiter
- . Capable of being operated from single supply

Maximum Ratings at Ta=25°C				unit		
Maximum Supply Voltage	V _{CC} /V _{EE}		±18	V		
Differential Input Voltage			30	-		
Common-Mode Input Voltage	VIDIF		±14			
Output Current	VICOM					
_	Io max		1.0	-		
Allowable Power Dissipation	Pd max		1	W		
Operating Temperature	Topr	-20	to +75			
Storage Temperature	Tstg	- 55 t	to +150	°C		
Operating Characteristics at T Quiescent Current Dissipatio Input Offset Voltage Input Offset Current Input Bias Current Common-Mode Input Voltage Ra Common-Mode Rejection Maximum Output Voltage	n Icco V _{IO} I _R	Rs≤10kohms	min -15	typ 6 2 10 100 ******************************	max +13	unit mA mV nA nA V dB
Voltage Gain		T_226-1992		100		dΒ
Slew Rate	V _{GO} SR	G _V =0,R _L =33ohms, R=10ohms,L=0.1uF		0.15		uβ 8μ√V
Equivalent Input Noise Volta	ge V _{NT}	Rg=1kohm,DIN Audio		2		μV
Supply Voltage Rejection	ge V _{NI} SVR	,		30		μV/V
Limiting Current	Isc			1.00		<i>F</i> ., A

Package Dimensions 3103 (unit: mm)



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