/ Descriptions

SOP-8 Dual Operational Amplifiers in a SOP-8 Plastic Package.

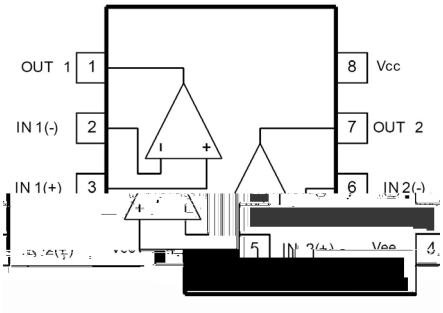
/ Features

±4~±18V
Large commom mode and differential voltage range, Gain and phase match between amplifiers, Internally frequency compensated, Low noise input transistors, Operating supply voltage range:±4 to ±18V.

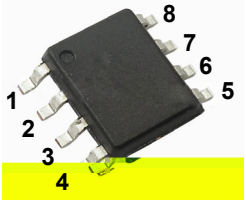
/ Applications

Application areas include transducer amplifier, DC gain blocks and all the conventional OP amp circuits.

/ Equivalent Circuit



/ Pinning



PIN / PIN See Equivalent Circuit.

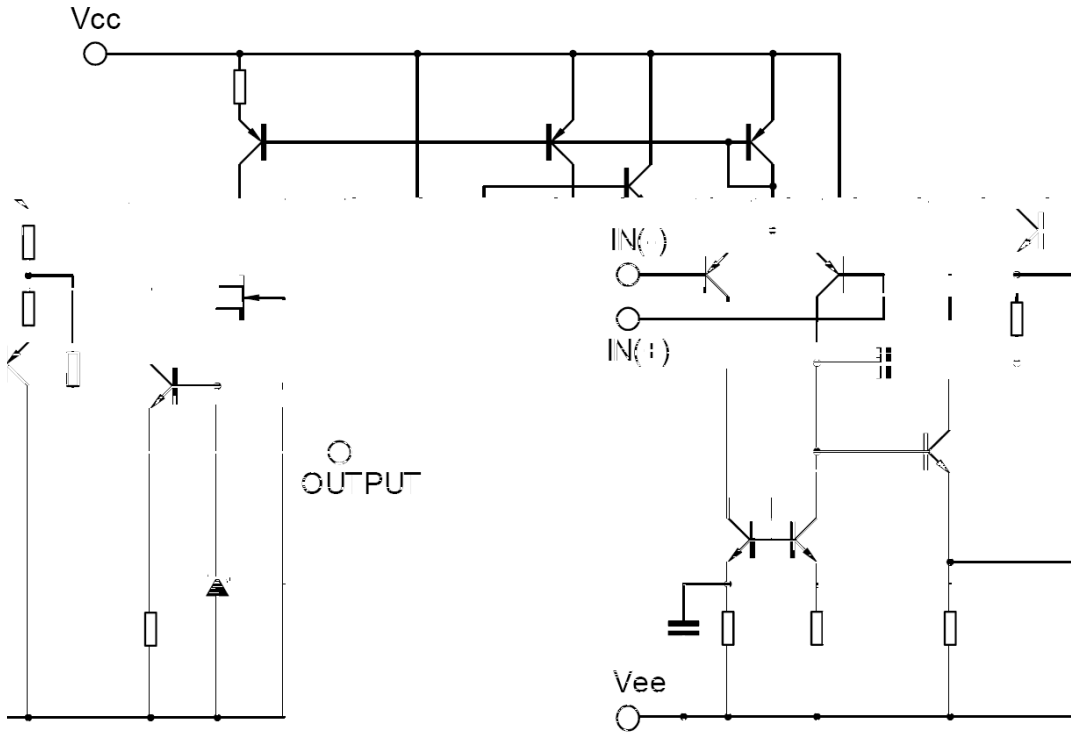
/ Marking

/ See Marking Instructions

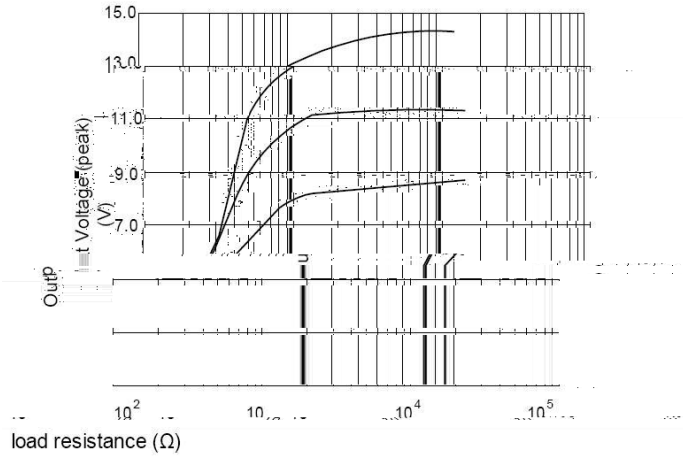
Parameter	Symbol	Rating	Unit
Supply Voltage	V_{CC}	±22	V
Differential input voltage	$V_{I(DIFF)}$	±18	V
Input Voltage	V_I	±15	V
Power Dissipation	P_D	300	mW
Operating Temperature	T_{opr}	-40 ~ 85	
Storage Temperature	T_{stg}	-40 ~ 125	

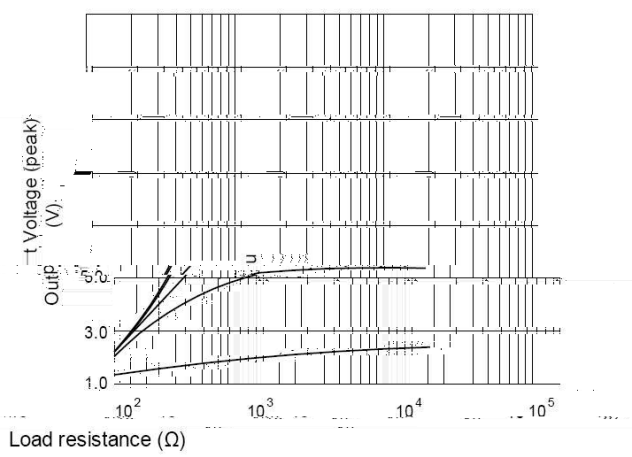
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Input offset voltage	V_{IO}	Vcc=15V Vee=-15V (2ET1936071nA82.46 .47998 re44m.00.68 508.18478.004 .498 re428 Vee1315V				

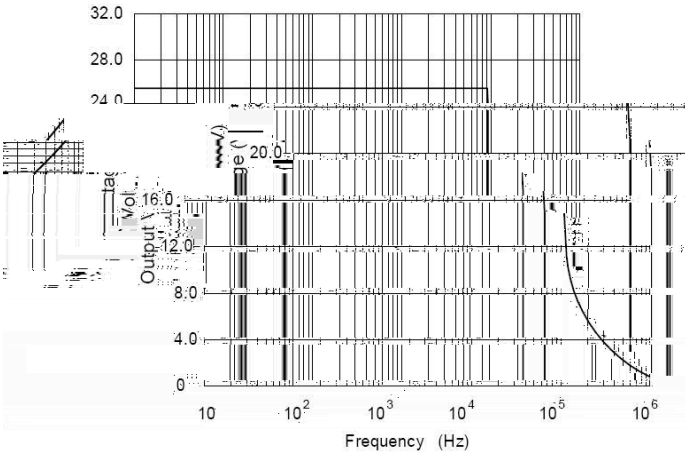
/ Functional Block Diagram

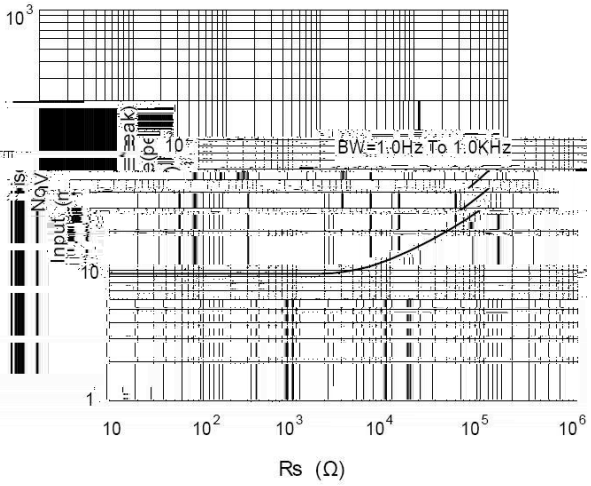


/ Electrical Characteristic Curve





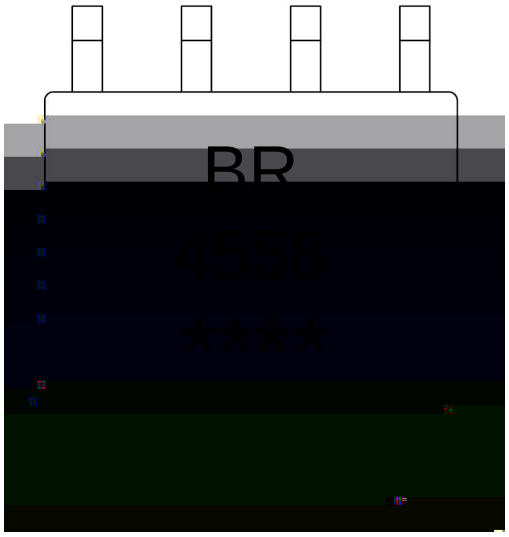




BROP4558SC
Rev.E Oct.-2018

/ Package Dimensions

/ Marking Instructions



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4558

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Note:

BR:	Company Code.
4558:	Product Type.
****:	Lot No. Code, code change with Lot No.

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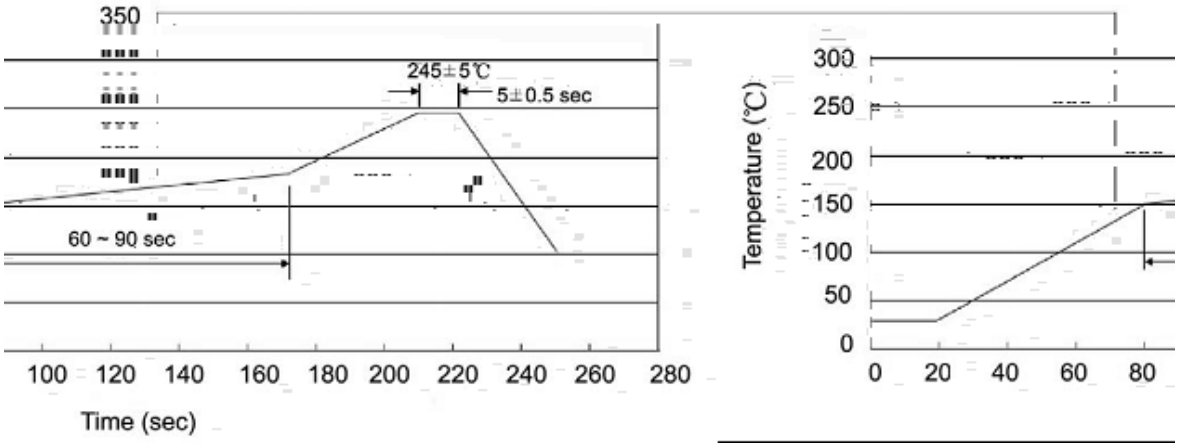

Note:

1	150	180	60	90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245±5			5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量		Dimension 包装尺寸 (unit: mm^3)
	只 卷盘	卷盘 盒	