

BOURNS®

Features

- Thick film technology
- Bourns patented thermal fuse
- Fail safe
- Protection to BELLCORE GR-1089-CORE

Applications

- Analog Line Cards
- CPE (Customer Premises Equipment)
- DDS (Digital Data Systems)
- DLC (Digital Loop Carriers)
- T1/T3 Transmission Lines
- ISDN

L11B Line Feed Resistors w/Thermal Fuse & Overvoltage Protectors

Product Characteristics

Resistor Tolerance	
20 ohms to 100 ohms	±1 %
5.6 ohms	±5 %
Ratio Tolerance	
20 ohms to 100 ohms	±0.5 %
5.6 ohms	±2.5 %
Operating Temperature.....	-40 °C to +85 °C

Environmental Characteristics

TESTS PER MIL-STD-202	
Humidity	103B
Solderability.....	208D
Thermal Shock	107B
Resistance to Solvents	215
Resistance to Solder Heat	210D
Flammability	UL 94V-0
	IEC 695-2-2

Functional Characteristics

Bellcore GR-1089-CORE	
ITU-T K.20	
Lightning Surge	1 KV
Power Induction.....	600 Vrms
Power Contact.....	230 Vrms
UL 497A	
FCC Part 68.302 Rules (d) and (e)	

Physical Characteristics

Body Style	Open Frame SIP
Body Material.....	96% Alumina
Lead Frame Material.....	Copper, solder coated
Standard Parts Available Off the Shelf	
.....	5.6, 10, 20, 30, 50, 100 ohms

How To Order

L11B 100AA

Model _____
 (L11B = LFR w/Thermal Fuse and Overvoltage Protectors*)

Resistor Tolerance _____

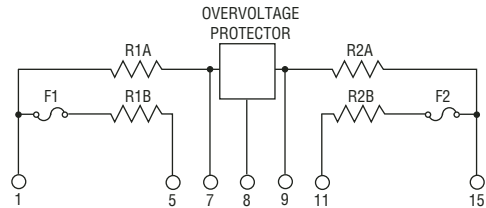
- 5R6AA = 5.6 ohms
- 010AA = 10 ohms
- 020AA = 20 ohms
- 030AA = 30 ohms
- 050AA = 50 ohms
- 100AA = 100 ohms

Custom values available; contact factory.

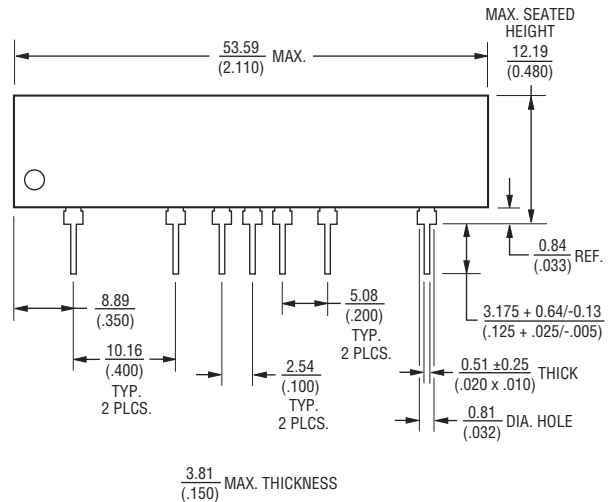
*Specify Overvoltage Protection:

- Specify peak pulse current rating
- Specify minimum turn on voltage
- Provide schematic showing desired configuration

Circuit Schematic



Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$



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