

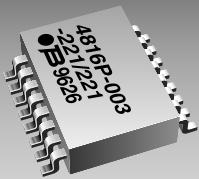
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Jameco Part Number 859018

**BOURNS®**

ASIC COMPANION NETWORK MOLDED MEDIUM BODY SOIC .225" WIDE, WITH .050" LEAD PITCH - 16 PIN

- Used in conjunction with Mosys MD9000 series MDRAMs and Tseng Labs ET6000 Graphics Chip Sets
- Compliant leads for thermal expansion
- Miniaturized circuitry and packaging for space reduction

Model 4816P-003-221/221

Resistor Network SOIC

Electrical Characteristics

Resistance	
R1	.....220 ohms
R2	.....220 ohms
Absolute Tolerance	..... ±2%
Temperature Coefficient	..... ±100ppm/°C
TCR Tracking	.....±150ppm/°C
Temperature Range	.....-55°C to +125°C
Maximum Operating Voltage	.....50VDC/or √ PR
Insulation Resistance	.....10,000 MΩ

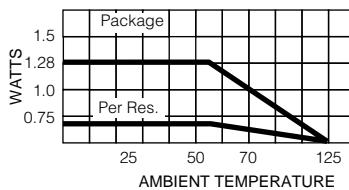
Product Reliability

ΔR MAX.	
Thermal Shock	..... ±0.25%
Power Condition	..... ±0.50%
Vibration	..... ±0.25%
Low Temperature Storage	..... ±0.25%
High Temperature Exposure	..... ±0.50%
Low Temperature Operation	..... ±0.25%
Load Life	..... ±1.0%
Moisture Resistance	..... ±0.5%
Resistance to Soldering Heat	..... ±0.25%
Short Time Overload	..... ±0.25%

Physical Characteristics

Lead Material	.....Copper, solder coated
Body Material	.....Molded epoxy
Std. Packaging	.....Tape & reel

PACKAGE POWER TEMPERATURE DERATING CURVE



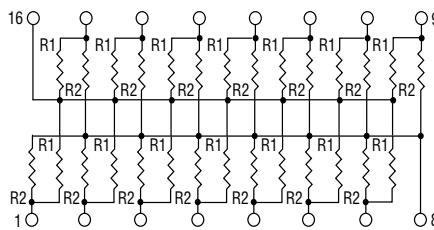
Package Power Ratings at 70°C

16 Pin1.28 watts Max.

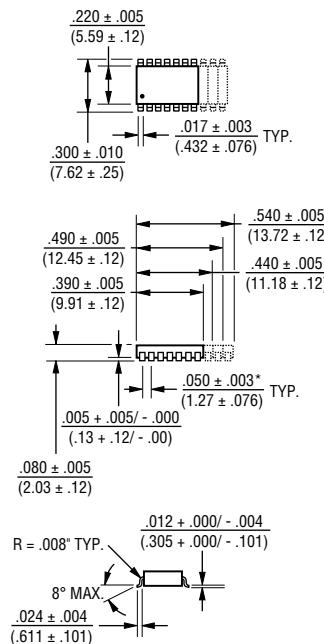
Power Per Resistor at 70°C

..... .080 watts Max.

SCHEMATIC



DIMENSIONS

4800P

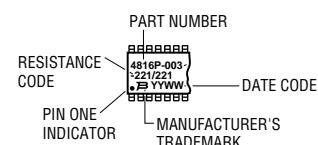
Lead coplanarity .004 inch max. at mounting surface.

Governing dimensions are in inches. Dimensions in parentheses are metric (mm) and are approximate.

*Terminal centerline to centerline measurements made at point of emergence of the lead from the body.

TYPICAL PART MARKING

Represents total content. Layout may vary.



INTEGRATED TECHNOLOGIES DIVISION NETWORKS PRODUCTS

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