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В

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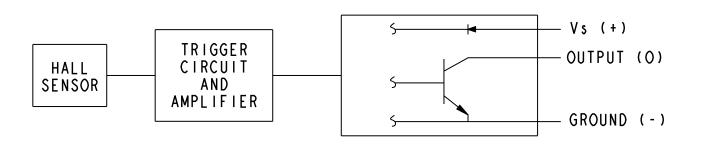
CHARACTERISTICS ARE AT Vs = 3.0 TO 24.0 VOLTS WITH 20mA LOAD WITH 4 13
TA = -40°C TO +150°C UNLESS OTHERWISE NOTED

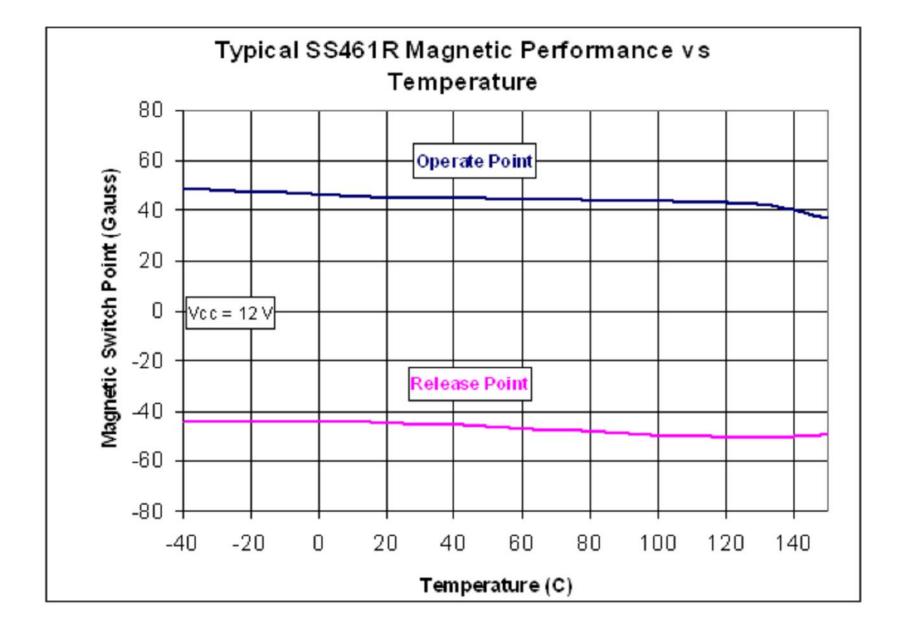
| PARAMETER | CONDITIONS | MIN | TYP | MAX | UNITS |
|-------------------------------------|--|------|------|-------------------|--------|
| SUPPLY VOLTAGE | | 3.0 | | 24.0 | VOLTS |
| SUPPLY CURRENT | VSUPPLY=5V AT 25°C VSUPPLY=3V AT 25°C | | 4.0 | 6.0 5.0 8.0 | mA |
| Vsat AT I5mA | GAUSS > 120 | | | 0.4 | VOL TS |
| OUTPUT LEAKAGE | GAUSS > -120 | | | 10.0 | μA |
| RISE TIME | 25°C | | | 1.5 | ЦS |
| FALL TIME | 25°C | | | 1.5 | ЦS |
| THERMAL RESISTANCE R O JA | | | 233 | | °C/W |
| OPERATE | | 5 | 50 | 120 | GAUSS |
| RELEASE | | -120 | - 50 | - 5 | GAUSS |
| DIFFERENTIAL | | 50 | 100 | 170 | GAUSS |
| OPERATING TEMP | | - 40 | | +150 | °C |
| STORAGE TEMP | | - 40 | | +165 | °C |

ABSOLUTE MAXIMUM RATING 10

| PARAMETER | CONDITIONS | MIN | TYP | MAX | UNITS |
|------------------------|------------|------|-----|----------|-------|
| SUPPLY VOLTAGE | | -28 | | 28 | VOLTS |
| APPLIED OUTPUT VOLTAGE | | -0.5 | | 28 | VOLTS |
| OUTPUT CURRENT | | | | 20 | mΑ |
| MAGNETIC FLUX | | | | NO LIMIT | GAUSS |

BLOCK DIAGRAM CURRENT SINKING OUTPUT





CAUTION

ELECTROSTATIC
SENSITIVE
DEVICES
DO not over no manual
ESD SENSITIVITY:
CLASS IC

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|---|-----------|------|------|-------|---------|--------|-------|---|----|-----|
| | SIZE | TYPE | CAGE | _CODE | DRAWING | NAM | | | | REV |
| | C | 1 | - | | | SS461R | | | | С |
| | SCAL | E N(| DNE | | | | SHEET | 2 | OF | 2 |
| | | | | | | | | | | |

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