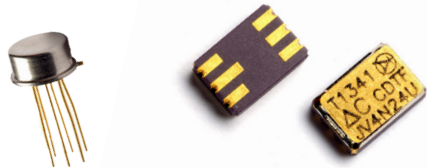


From concept to manufacture, our engineering teams aim to build strong partnerships with customers to provide enhanced solutions for performance critical technologies.

### High Reliability JAN Isolators



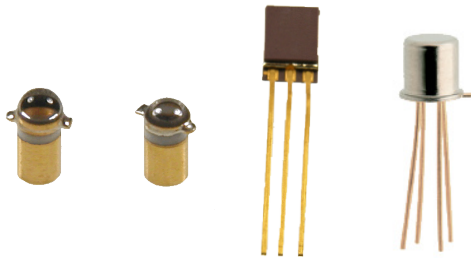
### Key Features and Benefits

- Choice of hermetically sealed TO-78 package or surface mountable SMD/LCC package
- High current transfer ratio
- 1 kV electrical isolation
- Processed to MIL-PRF-19500

### Applications

- Military equipment
- Aerospace vehicles
- Space launchers and satellites
- Other harsh environments

### High Reliability COTS



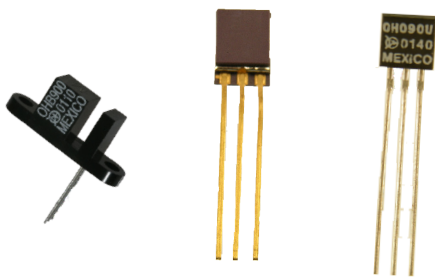
### Key Features and Benefits

- Product offering of GaAlAs/GaAs LEDs, phototransistors, photodiodes, Photologic® detectors (integrated detector), VCSELs
- Available in hermetic metal packages and plastic packages
- Available in custom designs at OEM volumes
- Shorter lead times than other off-the-shelf solutions

### Applications

- Military equipment
- Aerospace vehicles
- Space launchers and satellites
- Medical
- Other harsh environments

### High Reliability - Hall Effect



### Key Features and Benefits

- Reliable performance up to S level
- Extended service life
- Plastic and ceramic packages available
- Unipolar, bipolar, and ratiometric outputs
- Excellent temperature stability
- MIL-STD-883, 100% processing and QCI

### Applications

- Military equipment
- Space launchers and satellites
- Harsh environments

### High Reliability Potentiometers



### Key Features and Benefits

- Long rotational life up to 100 million revolutions
- Various package sizes including miniature
- Light weight
- Superior sealing capabilities

### Applications

- Major weapons systems
- Aerospace vehicles
- Military platforms
- Military aircraft

We offer discrete products that can be screened 100% and QCI tested (Group A, B, C, & D) per MIL-PRF-19500 to MIL-STD-750 for TX and TXV, and per MIL-PRF-38535 to MIL-STD-883 method 5004/5005 for B & S process levels.

Process	TX	TXV	B	S	ESA
<b>Bond Pull</b>	Sample	Sample	Sample	100% Non-Destruct	Sample
<b>Die Shear</b>	Sample	Sample	Sample	Sample	Sample
<b>Ball Shear</b>	Sample	Sample	Sample	Sample	Sample
<b>Pre-Cap Visual</b>	100%	100%	100%	100%	100%
<b>Electrical Test</b>	100%	100%	100%	100%	100%
<b>High Temp Storage</b>	100%	100%	100%	100%	100%
<b>Temp Cycle</b>	100%	100%	100%	100%	100%
<b>Constant Acceleration</b>	100%	100%	100%	100%	100%
<b>Visual Inspect</b>	N/A	N/A	100%	100%	100%
<b>PIND</b>	Optional	N/A	N/A	100%	100%
<b>Fine &amp; Gross Leak</b>	100%	100%	100%	100%	100%
<b>HTRB</b>	100%	100%	N/A	100%	100%
<b>Burn-in &amp; Test</b>	100%	100%	100%	100%	100%
<b>X-Ray</b>	N/A	100%	N/A	100%	100%
<b>External Visual</b>	N/A	N/A	100%	100%	100%
<b>Lot Acceptance</b>	Yes	Yes	Yes	Yes	Yes
<b>Group-A</b>	Sample	Sample	Sample	Sample	Sample
<b>Group-B</b>	Sample	Sample	Sample	Sample	Sample
<b>Group-C</b>	Sample	Sample	Sample	N/A	Sample
<b>Group-D</b>	N/A	N/A	Sample	Sample	Sample
<b>Paperwork</b>	Customer Specified	Customer Specified	Customer Specified	Customer Specified	Customer Specified