

# Laser Diode Sockets



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- Compact miniature socket size for maximum board density
- Accommodates most any TO package format with pin circle options of .079" (2.0 mm) or .100" (2.54 mm), including popular laser diode devices
- 3 and 4 lead options available
- Funneled entry holes to assist lead insertion

Date Issued: February 20, 2001

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## Physical

### Insulation

Material: Glass Filled Polysulfone  
Flammability: UL 94V-0  
Color: Green

### Outer Contact

Material: Copper Alloy

### Inner Contact

Material: Beryllium Copper  
Plating: Outer Sleeve: SnPb Solder  
Inner Contact: 30  $\mu$ m (0.76  $\mu$ m) Gold over 50  $\mu$ m (1.3  $\mu$ m) Nickel

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## Electrical

**Current Rating:** 1 Amp  
**Insulation Resistance:**  $> 1 \times 10^{12} \Omega$  at 500 Vdc  
**Withstanding Voltage:** 1000 Vrms at Sea Level

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## Environmental

**Operating Temperature Rating:** - 55° C to + 150° C

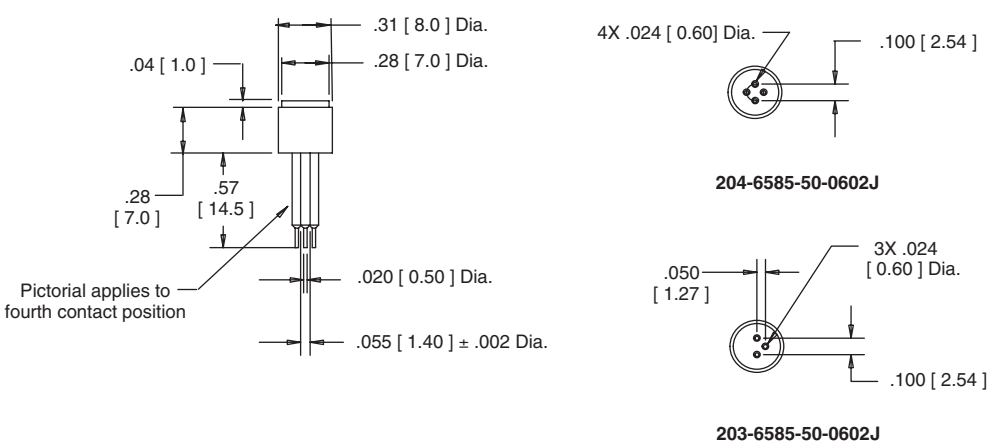
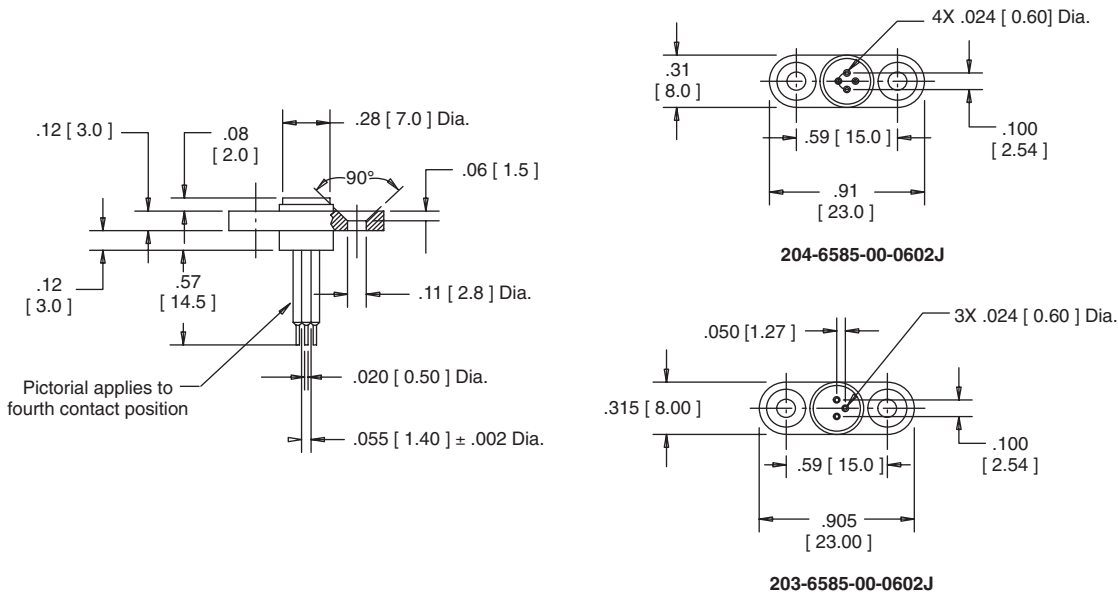
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### 3M Electronic Handling and Protection Division

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Austin, TX 78726-9000

For technical, sales or ordering information call **800-328-0411**  
or visit our website: <http://www.3M.com/ehpd>

# Laser Diode Sockets



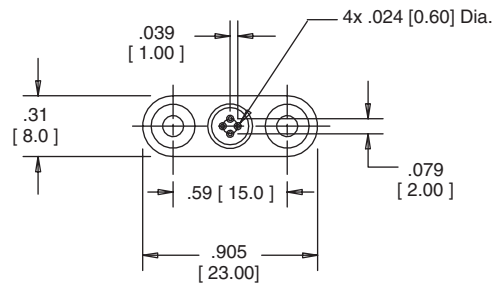
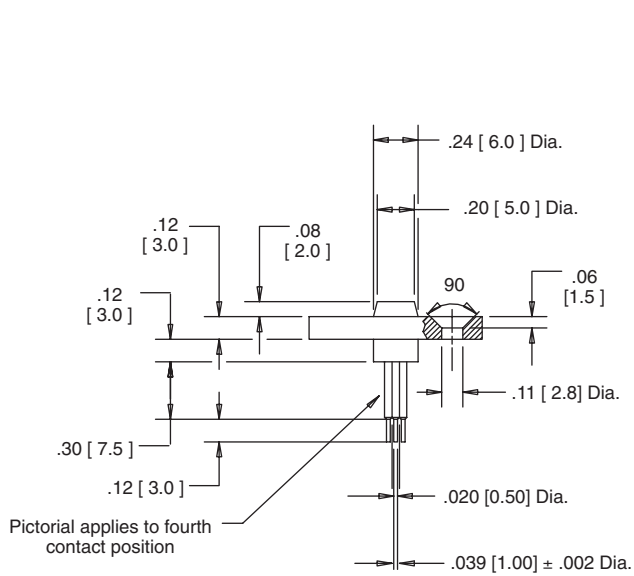
	Tolerance	
	inch	mm
Dimension	.00 (.0)	.000 (.00)
Tolerance	± .010 (± .25)	± .005 (± .13)

## Ordering Information

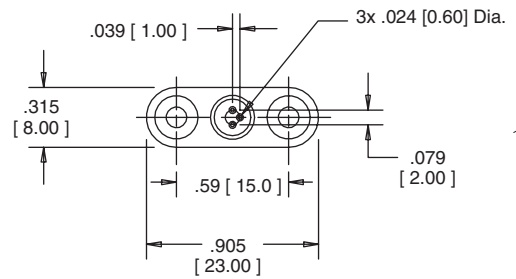
Socket Part Number	Contact Qty.	Pin Circle	Mounting Flange
203-6585-00-0602J	3	.100 [ 2.54 ]	Yes
203-6585-50-0602J			No
203-6970-00-0602J		.079 [ 2.0 ]	Yes
203-6970-50-0602J			No
204-6585-00-0602J	4	.100 [ 2.54 ]	Yes
204-6585-50-0602J			No
204-6970-00-0602J		.079 [ 2.0 ]	Yes
204-6970-50-0602J			No

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# Laser Diode Sockets

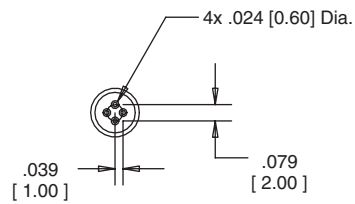
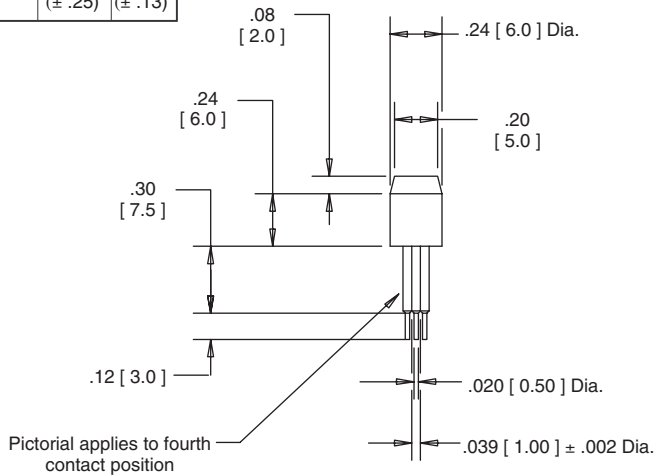


204-6970-00-0602J

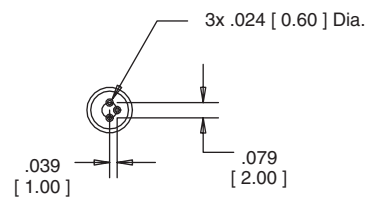


203-6970-00-0602J

	Tolerance $\frac{\text{inch}}{\text{(mm)}}$	
Dimension	$\frac{.00}{(.0)}$	$\frac{.000}{(.00)}$
Tolerance	$\frac{\pm .010}{(\pm .25)}$	$\frac{\pm .005}{(\pm .13)}$



204-6970-50-0602J



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