

# Gecko with Latches Specifications

## Materials

Housings:	Glass-filled High Temperature Thermoplastic UL94V-0
Female contacts:	Beryllium Copper
Male contacts	
PCB Connector:	Phosphor Bronze
Crimp:	Brass
Finish:	0.2 – 0.3µm (8 – 12µ") Gold, over 1.5 – 2.0µm (60 – 80µ") Nickel
Latches:	Copper Alloy

## Electrical

<b>Current</b>	
Individual contacts in isolation:	2.8A max (At 25°C)
All contacts simultaneously:	2.0A max (At 25°C)
Flex Circuit Assembly:	0.4A max per track (At 25°C)
<b>Working voltage</b>	
At sea level 1006 mbar:	450V DC or AC peak
At altitude 44 mbar:	250V DC or AC peak
<b>Voltage proof</b>	
At sea level 1013 mbar:	600V DC or AC peak
<b>Contact resistance</b>	
Initial:	20mΩ max
After conditioning:	25mΩ max
<b>Insulation resistance</b>	
Initial:	10GΩ min at 500V DC
After conditioning:	>1GΩ min at 500V DC

## Mechanical

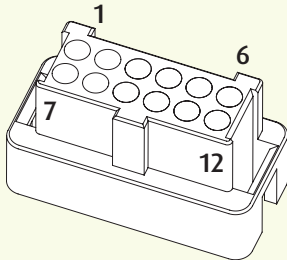
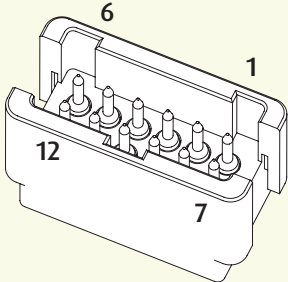
Contact durability:	1000 operations
<b>Mating forces (per contact pair)</b>	
Insertion force:	2.8N max
Withdrawal force:	0.2N min
Contact retention in housing:	6N min

## Environmental

Environmental classification:	65/150/56 days at 93% RH
Operating temperature:	-65°C to +150°C
*Vibration sensitivity:	10Hz to 2000Hz, 1.5mm, 198mm/s <sup>2</sup> (20G) duration 6 hours
*Bump severity:	390m/s <sup>2</sup> (40G), 4000 ±10 bumps
*Shock severity:	981m/s <sup>2</sup> (100G) for 6ms in Z axis 490m/s <sup>2</sup> (50G) for 11ms in X & Y axes
*Acceleration severity:	490m/s <sup>2</sup> (50G)

\* Tested with latched connectors.

# Pin Numbering

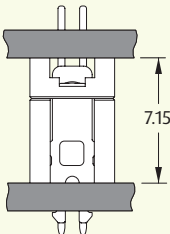
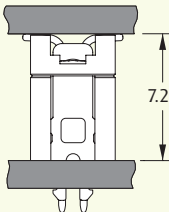
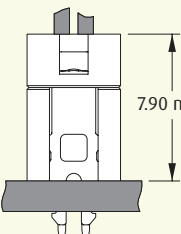
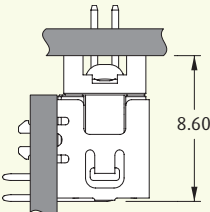
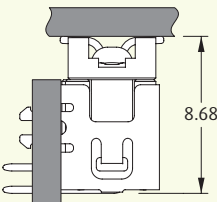
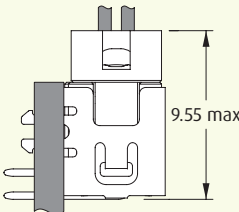
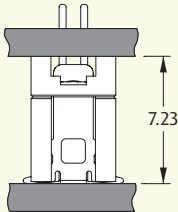
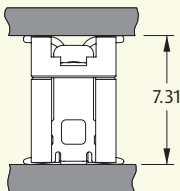
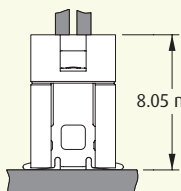
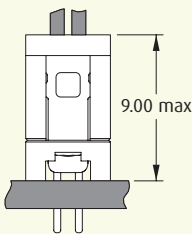
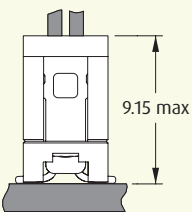
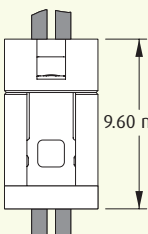
FEMALE	MALE
	

All dimensions in mm.

Patent Published

# Gecko with Latches Mating Profiles

GECKO WITH LATCHES

		FEMALE		
		VERTICAL THROUGHBOARD	VERTICAL SMT	CABLE
MALE	VERTICAL THROUGH-BOARD	 7.15	 7.23	 7.90 max
	HORIZONTAL THROUGH-BOARD	 8.60	 8.68	 9.55 max
	VERTICAL SMT	 7.23	 7.31	 8.05 max
	CABLE	 9.00 max	 9.15 max	 9.60 max

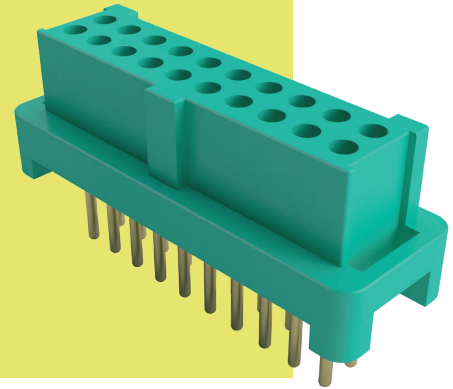
All dimensions in mm.

Patent Published

# Gecko with Latches Connectors

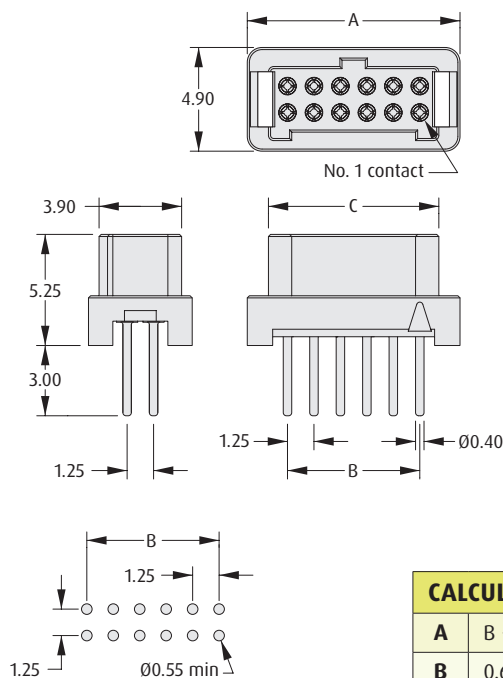
## Female Throughboard

- ❖ 4-finger Beryllium Copper contact.
- ❖ Positive keyway polarization features.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.



GECKO WITH LATCHES

### 3mm THROUGHBOARD

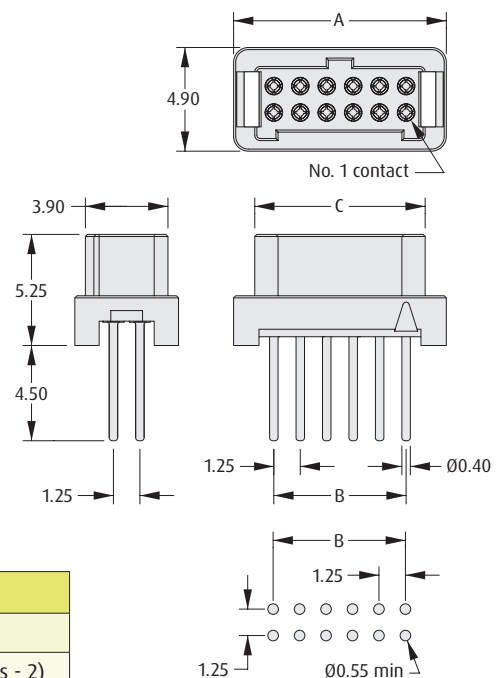


Recommended PC Board Pattern

#### CALCULATION

<b>A</b>	$B + 3.8$
<b>B</b>	$0.625 \times (\text{Total No. of contacts} - 2)$
<b>C</b>	$B + 1.8$

### 4.5mm THROUGHBOARD



Recommended PC Board Pattern

## HOW TO ORDER

**G125 - F VX XX 05 L0 X**

#### SERIES CODE

#### TYPE

<b>V1</b>	3mm Throughboard
<b>V2</b>	4.5mm Throughboard

#### PACKAGING

<b>R</b>	Tape & Reeled
<b>P</b>	Loose

#### FINISH

<b>05</b>	Gold
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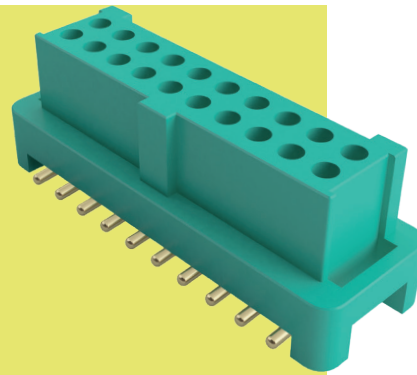
#### TOTAL NO. OF CONTACTS

06, 10, 12, 16, 20, 26, 34, 50

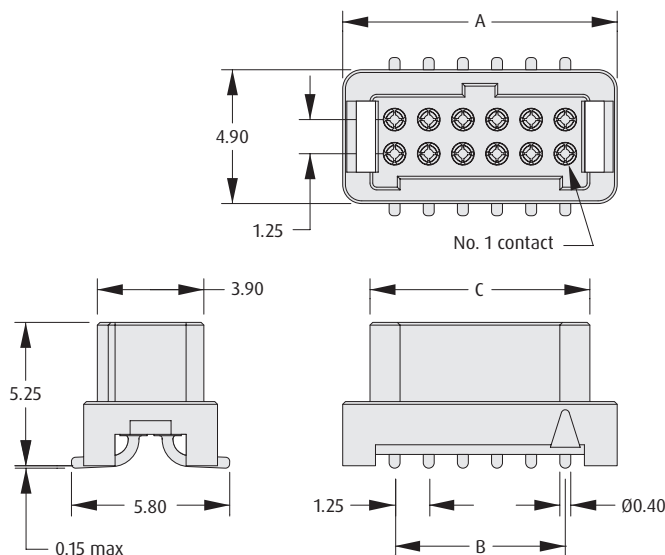
# Gecko with Latches Connectors

## Female Surface Mount

- ❖ 4-finger Beryllium Copper contact.
- ❖ Positive keyway polarization features.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ Available in Tape and Reel Packaging, with Pick and Place cap.

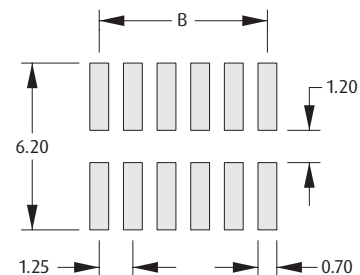


### SURFACE MOUNT



### CALCULATION

<b>A</b>	$B + 3.8$
<b>B</b>	$0.625 \times (\text{Total No. of contacts} - 2)$
<b>C</b>	$B + 1.8$



Recommended PC Board Pattern

### HOW TO ORDER

**G125 - F S1 XX 05 L0 X**

#### SERIES CODE

#### TYPE

**S1** Surface Mount

#### PACKAGING

<b>R</b>	Tape & Reeled
<b>P</b>	Loose

#### FINISH

**05** Gold

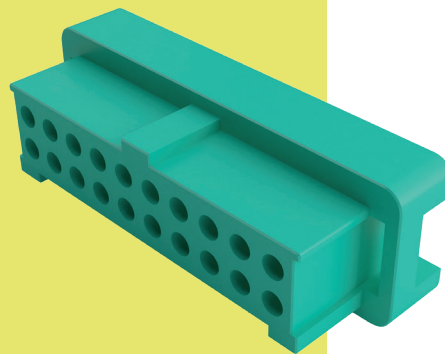
#### TOTAL NO. OF CONTACTS

**06, 10, 12, 16, 20, 26, 34, 50**

# Gecko with Latches Connectors

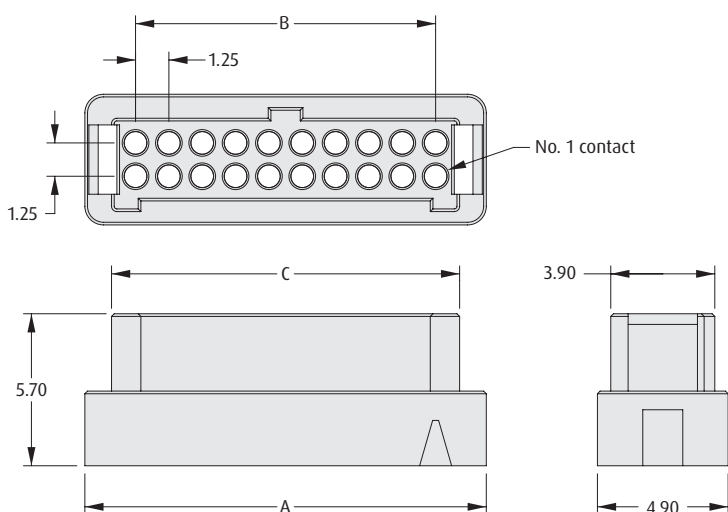
## Female Crimp Housings

- ❖ Features potting wall for extra security.
- ❖ No. 1 position identified on housing.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ 3 polarizing points on each housing prevent mis-mating.



GECKO WITH LATCHES

### FEMALE



### CALCULATION

<b>A</b>	$B + 3.8$
<b>B</b>	$0.625 \times (\text{Total No. of contacts} - 2)$
<b>C</b>	$B + 1.8$

### TOOLS

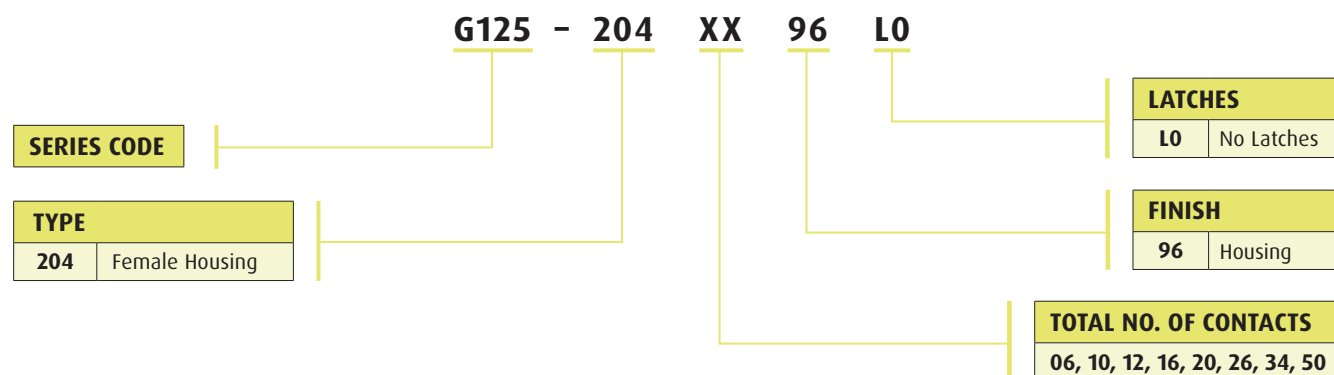
**Recommended Crimp Tool** - Z125-900

**Positioner** - Z125-901

**Contact Insertion/Removal Tool** - Z125-902

- ❖ Female contacts shown on following pages.
- ❖ Instruction sheets available at [www.harwin.com/instructions](http://www.harwin.com/instructions).

### HOW TO ORDER



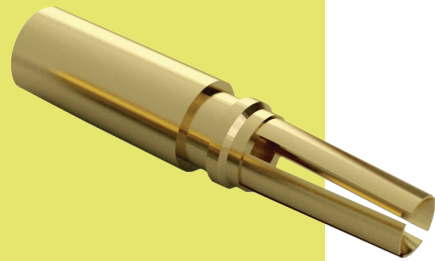
All dimensions in mm.

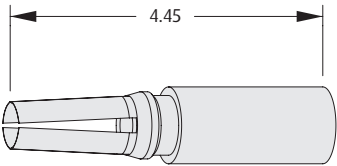
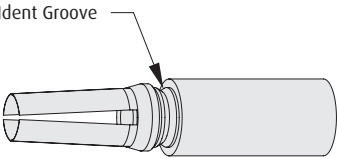
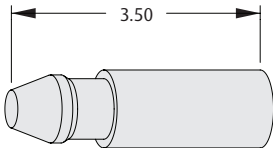
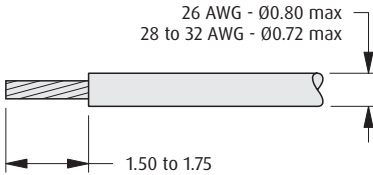
Patent Published

# Gecko with Latches Connectors

## Female Crimp Contacts, Dummy Contact

- ❖ 4-finger Beryllium Copper contact on a female connector.
- ❖ Crimp barrel meets all crimp guidelines and standards.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ Instruction video online at [www.harwin.com/harwintv](http://www.harwin.com/harwintv).
- ❖ Dummy Contact can be used for additional polarization of keying of multiple connectors. Also called Blanking Plug.



CONTACTS	DUMMY CONTACT										
<p><b>26 AWG</b></p>  <p><b>28 - 32 AWG</b></p> 	 <p><b>WIRE STRIPPING DETAILS</b></p> 										
TOOLS											
<p><b>Recommended Crimp Tool</b> - Z125-900</p> <p><b>Positioner</b> - Z125-901</p> <p><b>Contact Insertion/Removal Tool</b> - Z125-902</p>											
<p>❖ Female crimp housing shown on previous page.</p> <p>❖ Pre-cabled contacts shown on following page.</p> <p>❖ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>.</p>											
HOW TO ORDER											
<p><b>G125 - 0XX 00 05</b></p> <p><b>SERIES CODE</b></p> <table border="1" data-bbox="147 1703 581 1858"> <thead> <tr> <th colspan="2">TYPE</th></tr> </thead> <tbody> <tr> <td>001</td><td>Female 26 AWG crimp contact</td></tr> <tr> <td>002</td><td>Female 28-32 AWG crimp contact</td></tr> <tr> <td>020</td><td>Dummy Contact (blanking plug)</td></tr> </tbody> </table> <p><b>FINISH</b></p> <table border="1" data-bbox="1321 1684 1471 1761"> <tbody> <tr> <td>05</td><td>Gold</td></tr> </tbody> </table>		TYPE		001	Female 26 AWG crimp contact	002	Female 28-32 AWG crimp contact	020	Dummy Contact (blanking plug)	05	Gold
TYPE											
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05	Gold										

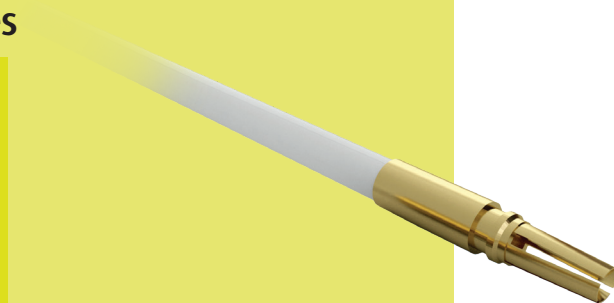
All dimensions in mm.

Patent Published

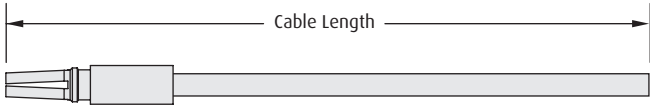
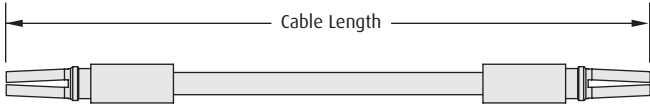
# Gecko with Latches Connectors

## Female Crimp Contacts – Pre-Crimped Wires

- ❖ 4-finger Beryllium Copper contact.
- ❖ Ready for assembling to housing.
- ❖ Crimp barrel meets all crimp guidelines and standards.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.



GECKO WITH LATCHES

FEMALE SINGLE ENDED		FEMALE – FEMALE																			
																					
TOOLS																					
<b>Contact Insertion/Removal Tool</b> – Z125-902		<ul style="list-style-type: none"><li>❖ Female crimp housing and loose contacts shown on previous pages.</li><li>❖ Full Cable assemblies shown on following page.</li><li>❖ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>.</li></ul>																			
HOW TO ORDER																					
<div><div><b>SERIES CODE</b></div><div><b>G125</b></div></div> <div><div><b>GENDER - FIRST END</b></div><div><b>F</b> Female</div></div> <div><div><b>CABLE SIZE</b></div><div><table><tr><td><b>W1</b></td><td>26 AWG</td></tr><tr><td><b>W2</b></td><td>28 AWG</td></tr><tr><td><b>W3</b></td><td>30 AWG</td></tr></table></div></div> <div><div><b>CABLE COLOR</b></div><div><table><tr><td><b>94</b></td><td>White</td></tr></table></div></div> <div><div><b>TERMINATION - SECOND END</b></div><div><table><tr><td><b>L</b></td><td>Loose cut end</td></tr><tr><td><b>F</b></td><td>Female</td></tr></table></div></div> <div><div><b>CABLE LENGTH</b></div><div><table><tr><td><b>0150</b></td><td>150mm</td></tr><tr><td><b>0300</b></td><td>300mm (double-ended)</td></tr><tr><td><b>0450</b></td><td>450mm (single-ended)</td></tr></table></div></div> <div><b>G125 – F WX XXXX X 94</b></div>				<b>W1</b>	26 AWG	<b>W2</b>	28 AWG	<b>W3</b>	30 AWG	<b>94</b>	White	<b>L</b>	Loose cut end	<b>F</b>	Female	<b>0150</b>	150mm	<b>0300</b>	300mm (double-ended)	<b>0450</b>	450mm (single-ended)
<b>W1</b>	26 AWG																				
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<b>W3</b>	30 AWG																				
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<b>0450</b>	450mm (single-ended)																				

All dimensions in mm.

Patent Published

# Gecko with Latches Connectors

## Female Cable Assemblies

- ❖ 4-finger Beryllium Copper contact.
- ❖ No. 1 position identified on housing.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ Back potted for added strain relief.



### PART NUMBERING SYSTEM

**G125 - F C X XX 05 L0 - XXXX X**

#### SERIES CODE

#### GENDER - FIRST END

<b>F</b>	Female
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#### CABLE SIZE

<b>1</b>	26 AWG
<b>2</b>	28 AWG
<b>3</b>	30 AWG

#### TOTAL NO. OF CONTACTS

<b>06, 10, 12, 16, 20, 26, 34, 50</b>
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#### TERMINATION - SECOND END

<b>L</b>	Loose cut end
<b>F</b>	Female connector

#### CABLE LENGTH

<b>0150</b>	150mm
<b>0300</b>	300mm (double-ended)
<b>0450</b>	450mm (single-ended)

#### LATCHES

<b>L0</b>	No Latches
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#### FINISH

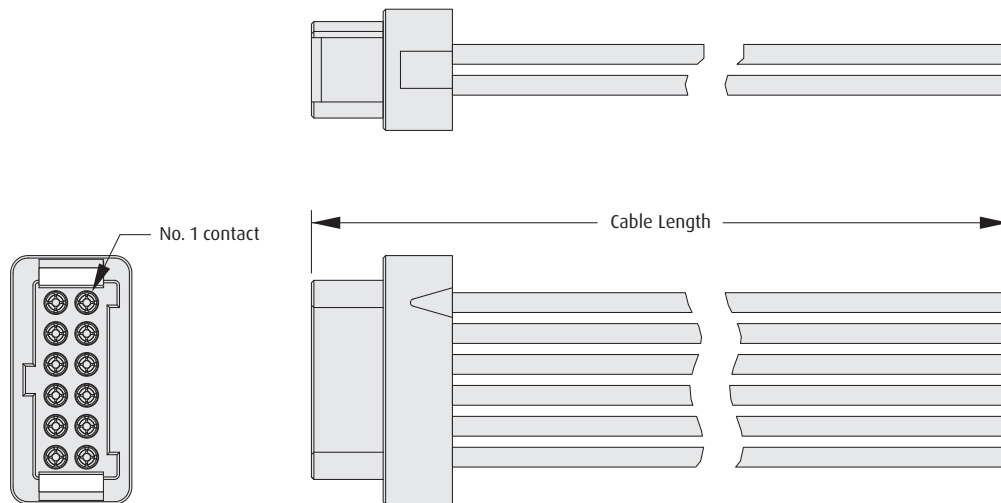
<b>05</b>	Gold
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# Female Cable Assemblies

- ❖ See previous page for cable length options.
- ❖ Cable assemblies are constructed with Contact 1 attached to Contact 1, Contact 2 to Contact 2, etc.

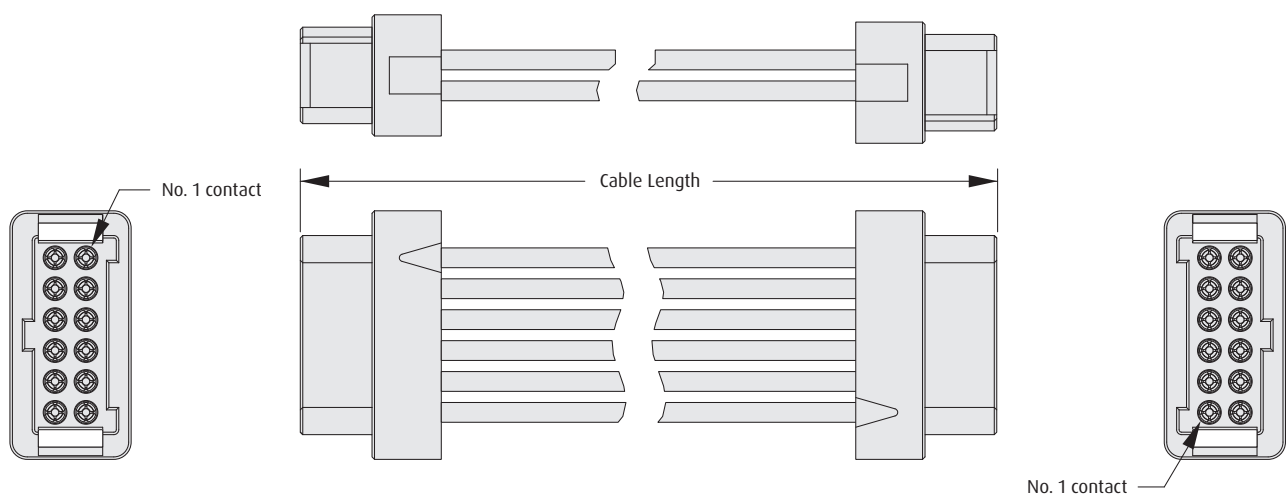
## FEMALE SINGLE ENDED



### ORDER CODE

G125-FCXXX05L0-XXXXL

## FEMALE – FEMALE



### ORDER CODE

G125-FCXXX05L0-XXXXF

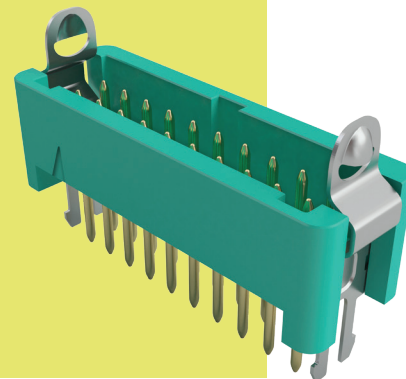
All dimensions in mm.

Patent Published

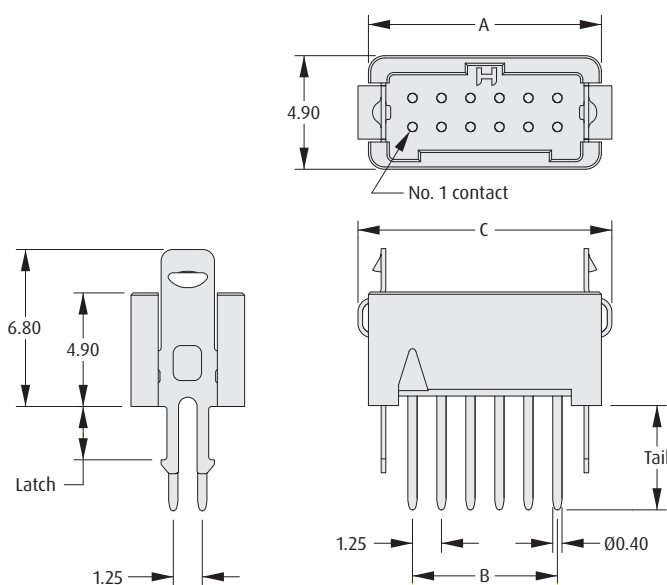
# Gecko with Latches Connectors

## Male Vertical Throughboard

- Secure fixing to the PCB via retention barbs for through hole.
- Easy-to-release latches require no tooling.
- 2A current capacity, resists high vibration and shock.
- Withstands extremes of temperature: -65°C to +150°C.

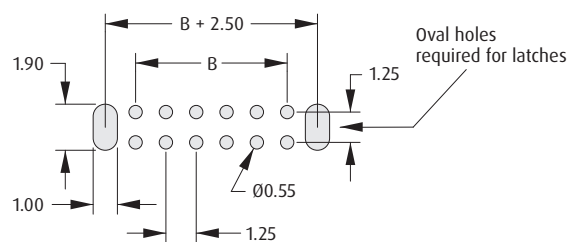


### THROUGHBOARD



### CALCULATION

<b>A</b>	$B + 3.8$
<b>B</b>	$0.625 \times (\text{Total No. of contacts} - 2)$
<b>C</b>	$B + 5.2$



Recommended PC Board Pattern

### HOW TO ORDER

**G125 - M VX XX 05 LX X**

#### SERIES CODE

#### TYPE

<b>V1</b>	3mm Throughboard Tail
<b>V2</b>	4.5mm Throughboard Tail

#### TOTAL NO. OF CONTACTS

06, 10, 12, 16, 20, 26, 34, 50

#### PACKAGING

<b>R</b>	Tape & Reeled
<b>P</b>	Loose

#### LATCH

<b>L0</b>	No Latch
<b>L1</b>	Latch for 1.6mm PCB (use with V1)
<b>L2</b>	Latch for 2.4mm PCB (use with V2)

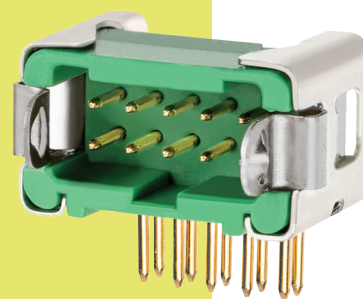
#### FINISH

**05** Gold

# Gecko with Latches Connectors

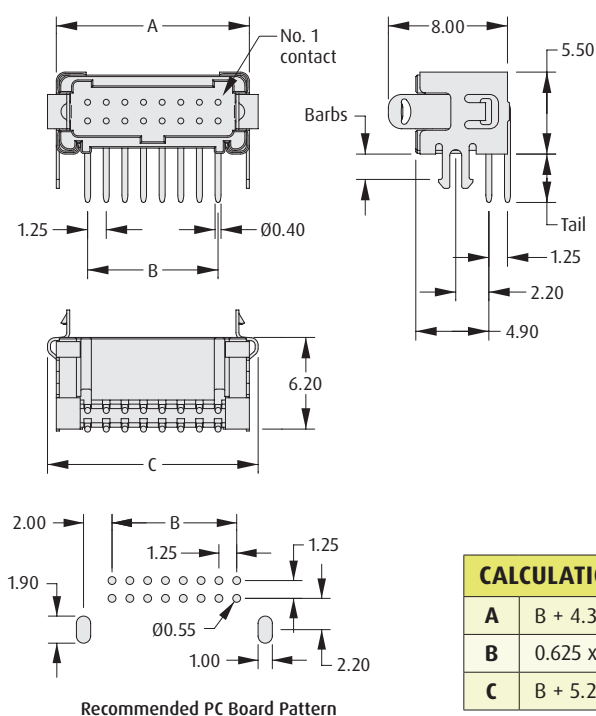
## Male Horizontal Throughboard - Latched

- ❖ Secure fixing to the PCB via retention bars for through hole.
- ❖ Surface mount option for automated assembly.
- ❖ Easy-to-release latches – tooling available for additional assistance with releasing latches – see part numbers **Z125-926xx00**.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.

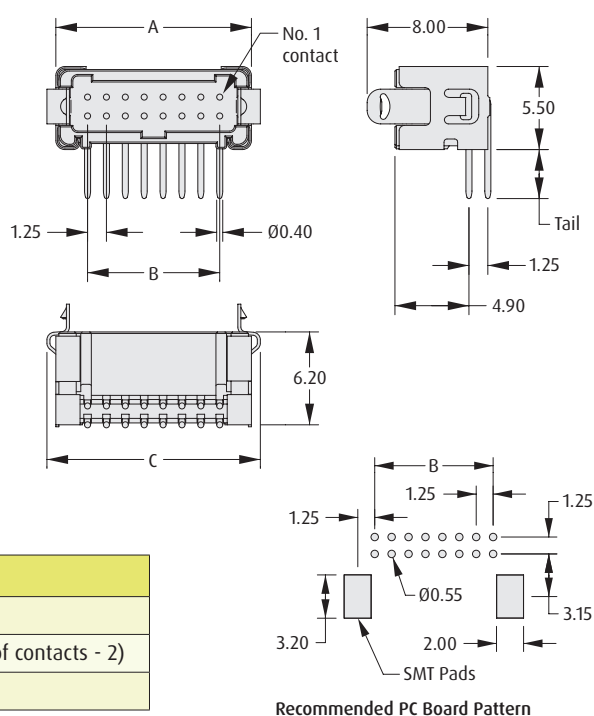


GECKO WITH LATCHES

### THROUGHBOARD LATCH



### SURFACE MOUNT LATCH



#### CALCULATION

<b>A</b>	$B + 4.3$
<b>B</b>	$0.625 \times (\text{Total No. of contacts} - 2)$
<b>C</b>	$B + 5.2$

### HOW TO ORDER

**G125 - M HX XX 05 LX X**

#### SERIES CODE

#### TYPE

<b>H1</b>	3.3mm Throughboard Tail
<b>H2</b>	4.8mm Throughboard Tail

#### TOTAL NO. OF CONTACTS

06, 10, 12, 16, 20, 26, 34, 50

#### PACKAGING

<b>R</b>	Tape & Reeled
<b>P</b>	Loose

#### LATCH

<b>L1</b>	Latch for 1.6mm PCB (use with H1)
<b>L2</b>	Latch for 2.4mm PCB (use with H2)
<b>L3</b>	Surface Mount Latch

#### FINISH

<b>05</b>	Gold
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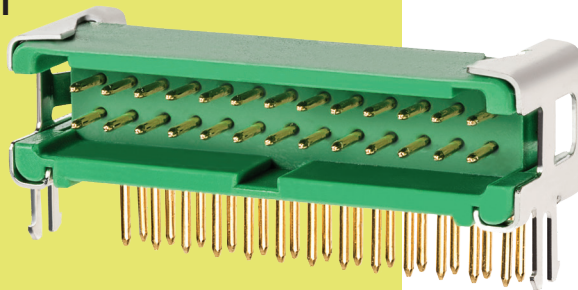
All dimensions in mm.

Patent Published

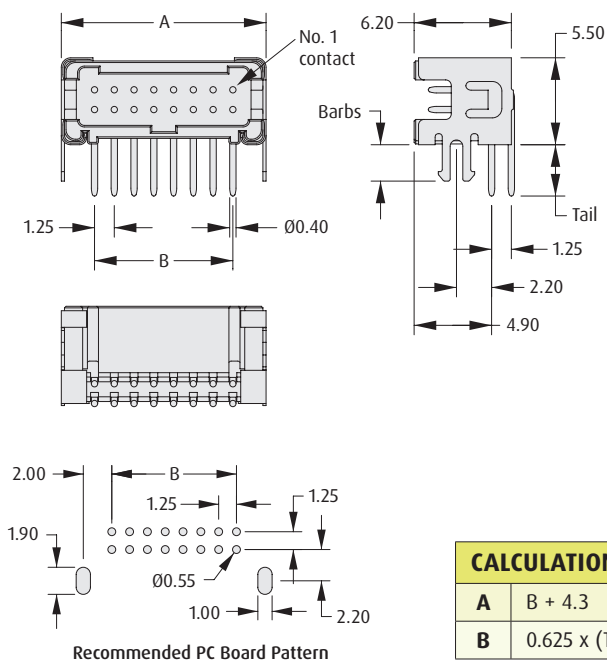
# Gecko with Latches Connectors

## Male Horizontal Throughboard - Without Latch

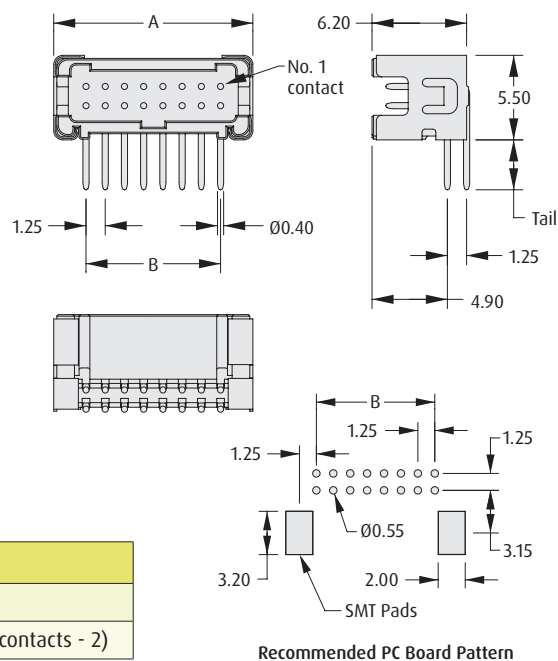
- Secure fixing to the PCB via retention barbs for through hole.
- Surface mount option for automated assembly.
- 2A current capacity.
- Withstands extremes of temperature: -65°C to +150°C.



### THROUGHBOARD FIXING



### SURFACE MOUNT FIXING



#### CALCULATION

A	$B + 4.3$
B	$0.625 \times (\text{Total No. of contacts} - 2)$

### HOW TO ORDER

**G125 - M HX XX 05 LX X**

#### SERIES CODE

#### TYPE

H1	3.3mm Throughboard Tail
H2	4.8mm Throughboard Tail

#### TOTAL NO. OF CONTACTS

06, 10, 12, 16, 20, 26, 34, 50

#### PACKAGING

R	Tape & Reeled
P	Loose

#### FIXING

L5	Barbs for 1.6mm PCB (use with H1)
L6	Barbs for 2.4mm PCB (use with H2)
L7	Surface Mount Fixing

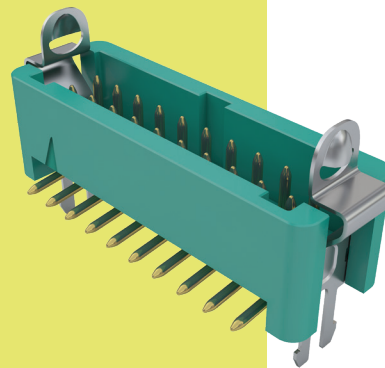
#### FINISH

05	Gold
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# Gecko with Latches Connectors

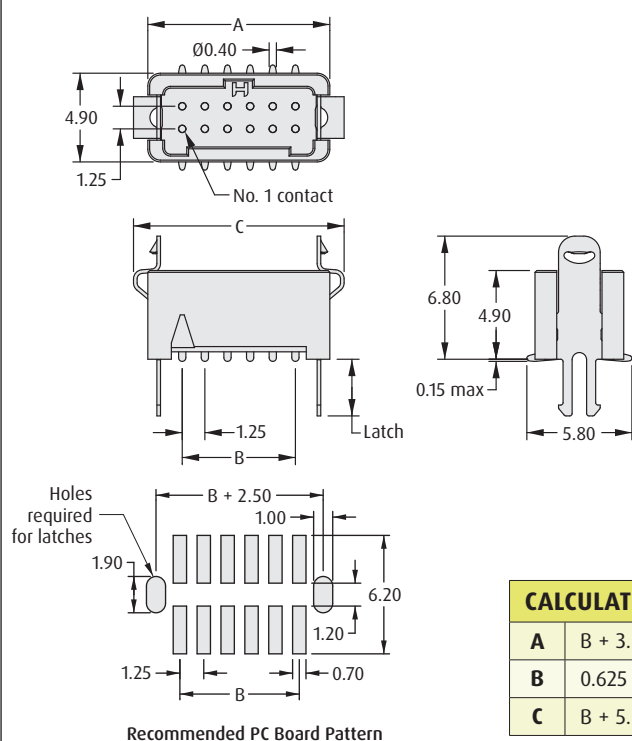
## Male Vertical Surface Mount

- Secure fixing to the PCB via hold-down tabs (SMT).
- Easy-to-release latches require no tooling.
- 2A current capacity, resists high vibration and shock.
- Withstands extremes of temperature: -65°C to +150°C.

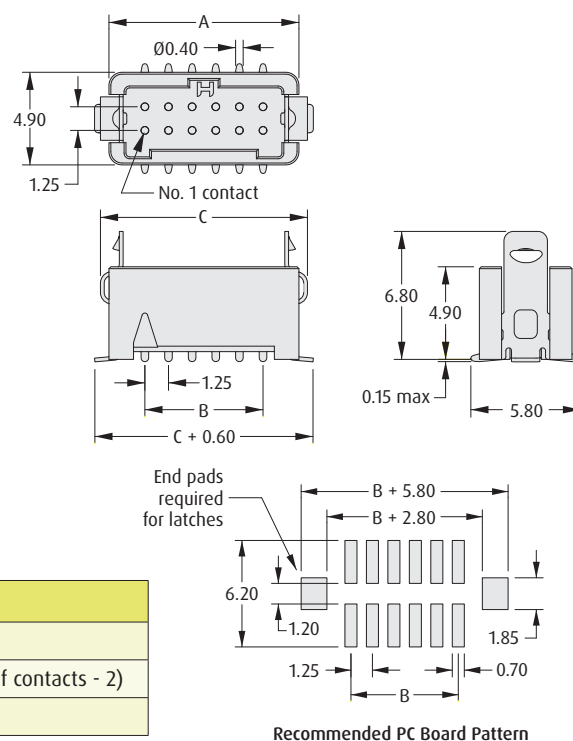


GECKO WITH LATCHES

### THROUGHBOARD LATCH



### SURFACE MOUNT LATCH



### HOW TO ORDER

**G125 - M S1 XX 05 LX X**

#### SERIES CODE

#### TYPE

**S1** Surface Mount

#### TOTAL NO. OF CONTACTS

**06, 10, 12, 16, 20, 26, 34, 50**

#### FINISH

**05** Gold

#### PACKAGING

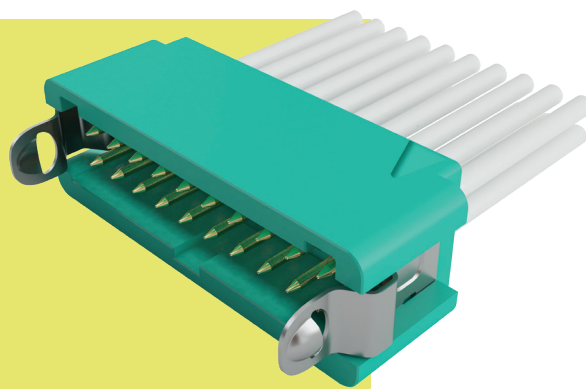
**R** Tape & Reeled  
**P** Loose

#### LATCH

**L0** No Latch  
**L1** Latch for 1.6mm PCB  
**L2** Latch for 2.4mm PCB  
**L3** Surface Mount Latch

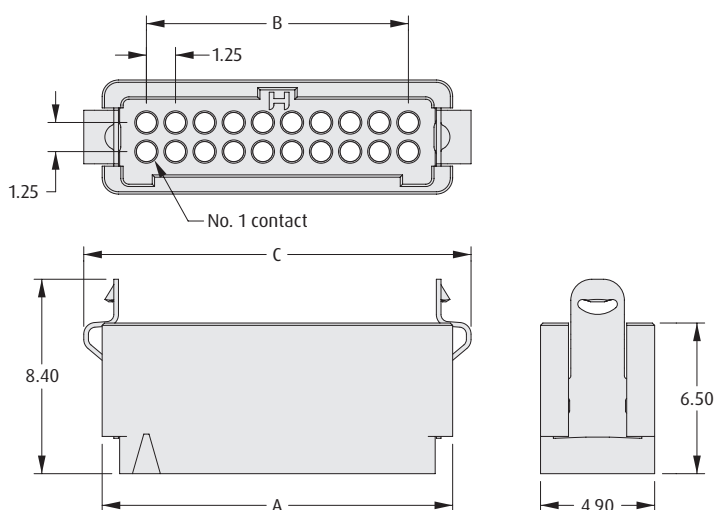
## GECKO WITH LATCHES

- ❖ Features potting wall for extra security.
- ❖ No. 1 position identified on housing.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ 3 polarizing points on each housing prevent mis-mating.
- ❖ Easy to release latches require no tooling.



### CALCULATION

<b>A</b>	B + 3.8
<b>B</b>	0.625 x (Total No. of contacts - 2)
<b>C</b>	B + 5.2



**Recommended Crimp Tool** – Z125-900  
**Positioner** – Z125-901  
**Contact Insertion/Removal Tool** – Z125-902

- Male contacts shown on following pages.
- Instruction sheets available at **[www.harwin.com/instructions](http://www.harwin.com/instructions)**.

**G125 - 304 XX 96 LX**

<b>SERIES CODE</b>		H
<b>TYPE</b>		
<b>304</b>	Male Housing	

LATCH	
L0	No Latches
L4	Latches (Male Only)

FINISH	
96	Housing

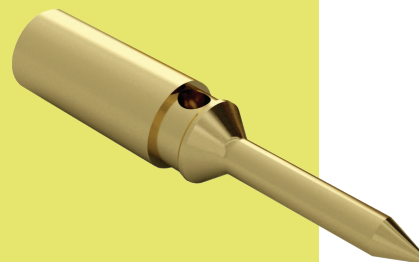
TOTAL NO. OF CONTACTS
06, 10, 12, 16, 20, 26, 34, 50

Patent Published

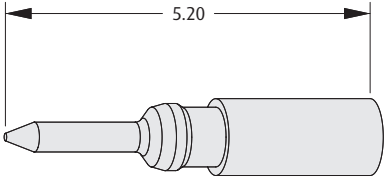
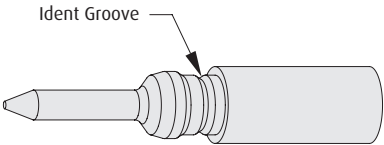
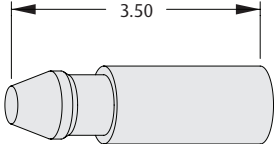
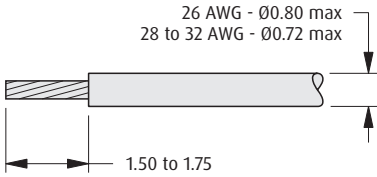
# Gecko with Latches Connectors

## Male Crimp Contacts

- ❖ Crimp barrel meets all crimp guidelines and standards.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ Instruction video online at [www.harwin.com/harwintv](http://www.harwin.com/harwintv).
- ❖ Dummy Contact can be used for additional polarization of keying of multiple connectors. Also called Blanking Plug.



GECKO WITH LATCHES

CONTACTS	DUMMY CONTACT										
<p><b>26 AWG</b></p>  <p><b>28 - 32 AWG</b></p> 	 <p><b>WIRE STRIPPING DETAILS</b></p> 										
TOOLS											
<p><b>Recommended Crimp Tool</b> - Z125-900</p> <p><b>Positioner</b> - Z125-901</p> <p><b>Contact Insertion/Removal Tool</b> - Z125-902</p>	<ul style="list-style-type: none"> <li>❖ Male crimp housing shown on previous page.</li> <li>❖ Pre-cable contacts shown on following page.</li> <li>❖ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>.</li> </ul>										
HOW TO ORDER											
<p style="text-align: center;"><b>G125 - XXX 00 05</b></p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><b>SERIES CODE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #f2f2f2;">TYPE</th> <th></th> </tr> </thead> <tbody> <tr> <td style="background-color: #f2f2f2;">101</td> <td>Male 26 AWG crimp contact</td> </tr> <tr> <td style="background-color: #f2f2f2;">102</td> <td>Male 28-32 AWG crimp contact</td> </tr> <tr> <td style="background-color: #f2f2f2;">020</td> <td>Dummy Contact (blanking plug)</td> </tr> </tbody> </table> </div> <div style="width: 30%; text-align: center;"> <p><b>FINISH</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="background-color: #f2f2f2;">05</td> <td>Gold</td> </tr> </tbody> </table> </div> </div>		TYPE		101	Male 26 AWG crimp contact	102	Male 28-32 AWG crimp contact	020	Dummy Contact (blanking plug)	05	Gold
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020	Dummy Contact (blanking plug)										
05	Gold										

All dimensions in mm.

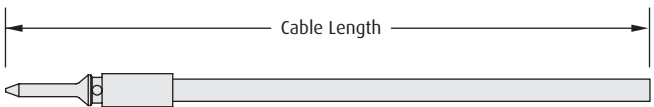
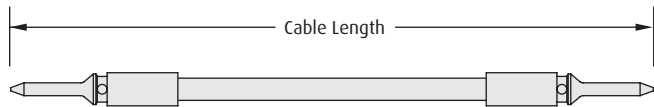
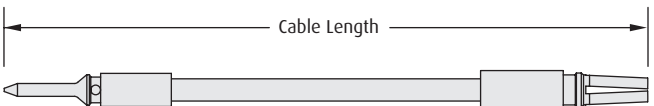
Patent Published

# Gecko with Latches Connectors

## Male Crimp Contacts – Pre-Crimped Wires

- ❖ Ready for assembling to housing.
- ❖ Crimp barrel meets all crimp guidelines and standards.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.



MALE SINGLE ENDED	MALE – MALE
	
MALE – FEMALE	TOOLS
	<p><b>Contact Insertion/Removal Tool</b> – Z125-902</p> <ul style="list-style-type: none"> <li>❖ Male crimp housing and loose contacts shown on previous pages.</li> <li>❖ Full Cable assemblies shown on following page.</li> <li>❖ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>.</li> </ul>

## HOW TO ORDER

**G125 – M WX XXXX X 94**

### SERIES CODE

### GENDER – FIRST END

**M** Male

### CABLE SIZE

<b>W1</b>	26 AWG
<b>W2</b>	28 AWG
<b>W3</b>	30 AWG

### CABLE COLOR

**94** White

### TERMINATION – SECOND END

<b>L</b>	Loose cut end
<b>F</b>	Female
<b>M</b>	Male

### CABLE LENGTH

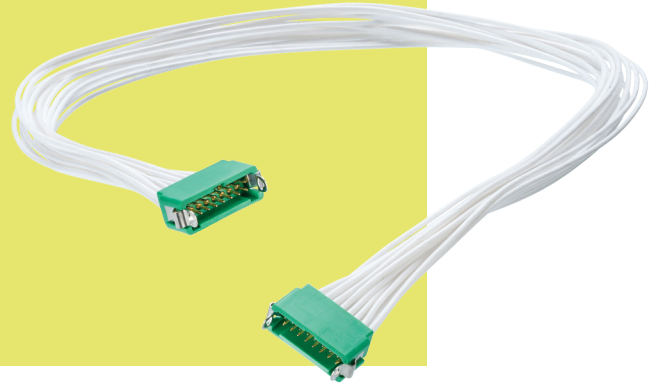
<b>0150</b>	150mm
<b>0300</b>	300mm (double-ended)
<b>0450</b>	450mm (single-ended)



# Gecko with Latches Connectors

## Male Cable Assemblies

- ❖ No. 1 position identified on housing.
- ❖ 2A current capacity, resists high vibration and shock.
- ❖ Withstands extremes of temperature: -65°C to +150°C.
- ❖ Back potted for added strain relief.
- ❖ 4-finger Beryllium Copper contact on the female connector.



GECKO WITH LATCHES

### PART NUMBERING SYSTEM

**G125 - M C X XX 05 LX - XXXX X**

#### SERIES CODE

#### GENDER - FIRST END

**M** Male

#### CABLE SIZE

<b>1</b>	26 AWG
<b>2</b>	28 AWG
<b>3</b>	30 AWG

#### TOTAL NO. OF CONTACTS

**06, 10, 12, 16, 20, 26, 34, 50**

#### TERMINATION - SECOND END

<b>L</b>	Loose cut end
<b>F</b>	Female connector
<b>M</b>	Male connector

#### CABLE LENGTH

<b>0150</b>	150mm
<b>0300</b>	300mm (double-ended)
<b>0450</b>	450mm (single-ended)

#### LATCHES

<b>L0</b>	No Latches
<b>L4</b>	Latches (male connectors only)

#### FINISH

**05** Gold

All dimensions in mm.

Patent Published

# Male Cable Assemblies

- ❖ See previous page for cable length options.
- ❖ Cable assemblies are constructed with Contact 1 attached to Contact 1, Contact 2 to Contact 2, etc.

<div>MALE SINGLE ENDED</div> <div> </div> <div> <div>ORDER CODE</div> <div>G125-MCXXX05LX-XXXXL</div> </div>	
<div>MALE – FEMALE</div> <div> </div> <div> <div>ORDER CODE</div> <div>G125-MCXXX05LX-XXXXF</div> </div>	<div>MALE – MALE</div> <div> </div> <div> <div>ORDER CODE</div> <div>G125-MCXXX05LX-XXXXM</div> </div>

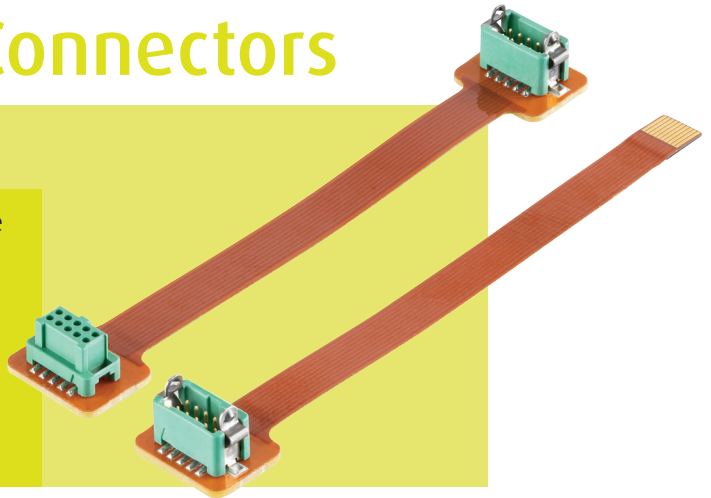
All dimensions in mm.

Patent Published

# Gecko with Latches Connectors

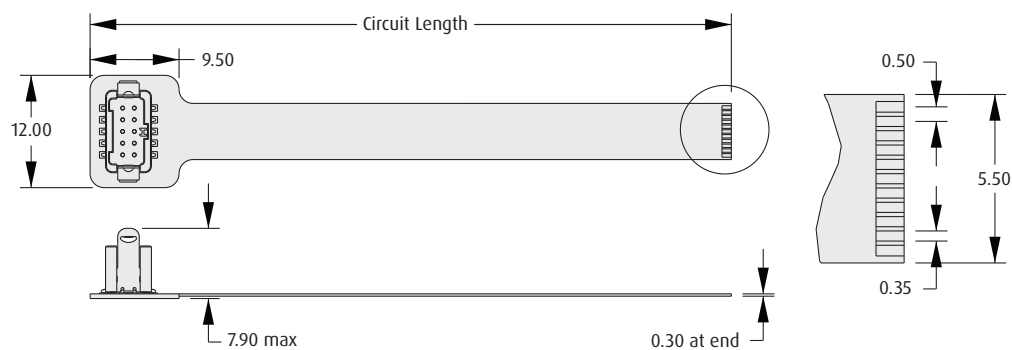
## Flexible Circuit Assemblies

- ❖ Surface mount connectors with latches assembled to flexible printed circuit for an alternative to cable connection.
- ❖ Improved bend radius and lower mated height than equivalent cable assemblies.
- ❖ The free end of the single-ended assembly is compatible with 0.5mm pitch FPC connectors.
- ❖ Contact Harwin for alternative connector sizes and cable lengths.

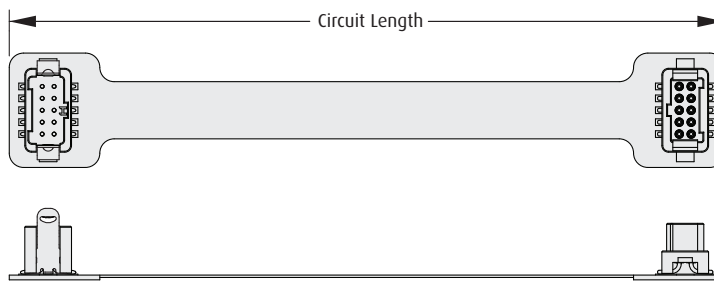


GECKO WITH LATCHES

### MALE SINGLE ENDED



### MALE - FEMALE DOUBLE ENDED



### HOW TO ORDER

**G125 - F1 MS1 10 - 075 - XXX**

#### SERIES CODE

#### CONNECTOR - FIRST END

**MS1** Male with Latches

#### TOTAL NO. OF CONTACTS

**10**

#### CONNECTOR - SECOND END

<b>L</b>	Free End (Single Ended)
<b>FS1</b>	Female compatible with Latches

#### CIRCUIT LENGTH

**075** 75mm

All dimensions in mm.

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