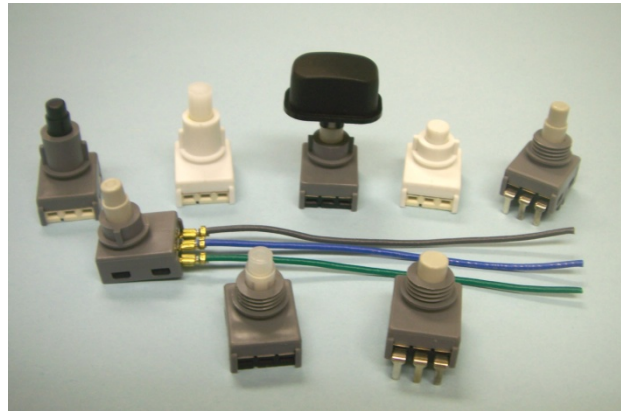




# GC 536 Series Push Switch





## GC 536 Series

- The GC536 series push button switch was designed by CW Industries for automotive interior lighting applications to mate with customer insert molded and lead frame manufactured components.
- The unique design of the switch enables it to be easily customized for specific customer operating force, mounting and termination requirements.



## GC 536 Series

- Specified by many of the leading US, Transplant and Automotive OEM's throughout the world, the compact switch design enables it to be adapted into low profile applications where space is limited.





## GC 536 Series

- The switch can be operated either directly by the end user or indirectly by means of a lenses or incorporated into other operating mechanisms.
- The switch can also be designed in a discreet wire harness by means of a unique termination arrangement using a separate terminal that can be automated as part of the wire harness assembly.
- The audible and tactile response features of the switch can be customized to meet unique requirements such as "soft touch," "quiet" and "firm"



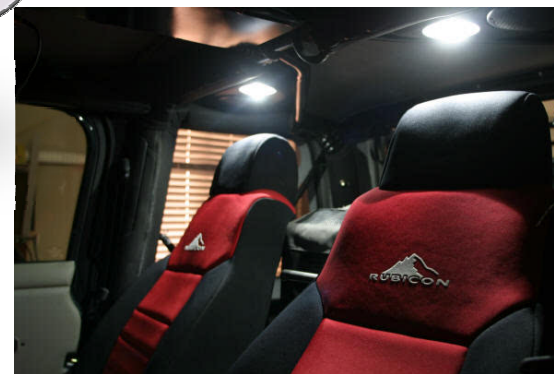
# GC 536 Series





# Automotive Applications

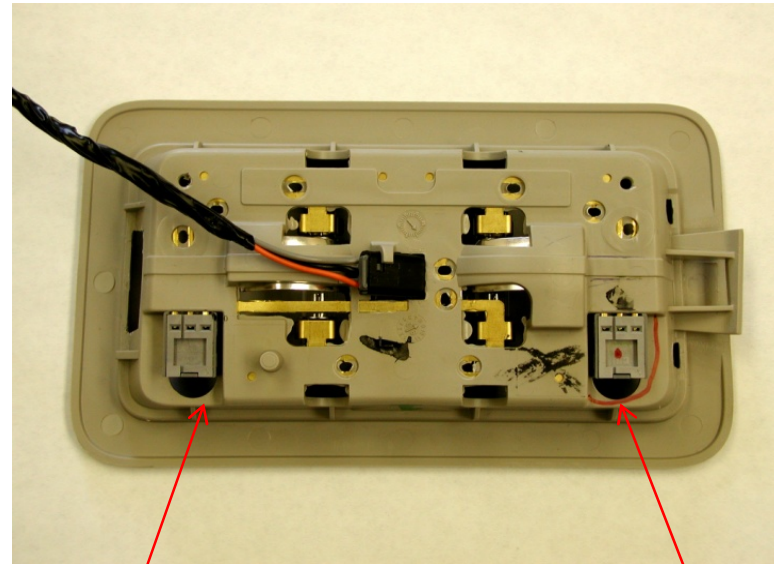
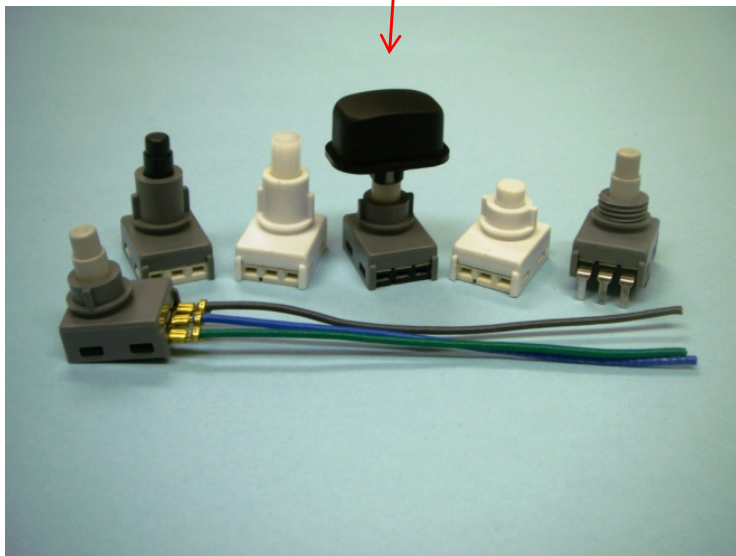
- Electromechanical, insert molded lead frame assembly, switch and PCB switch products
  - Interior Lighting
  - Overhead Consoles
  - Dome Lamp





# Automotive Applications

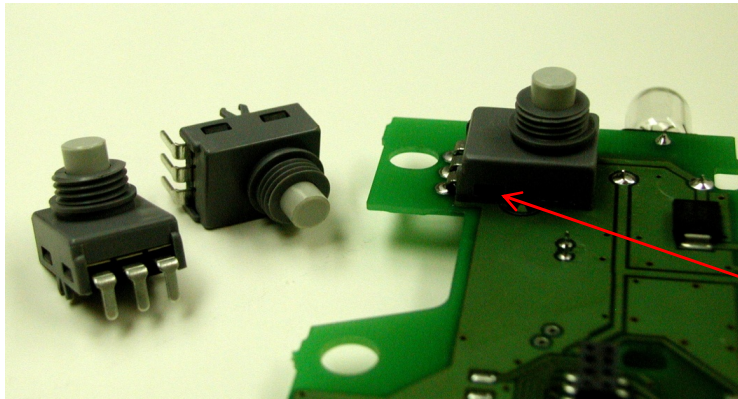
GC 536 WITH OPTIONAL TOPPER



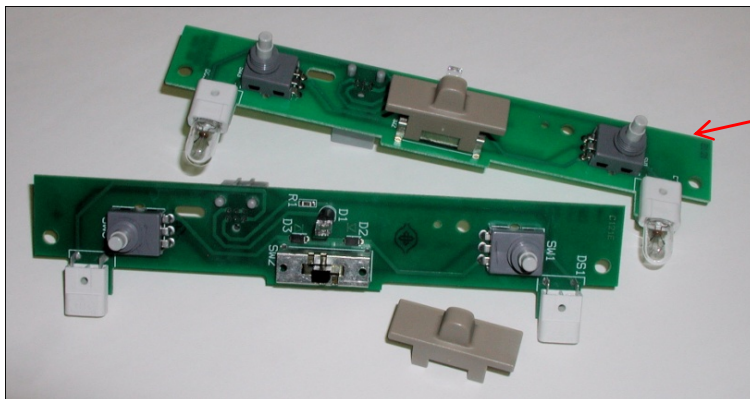
GC 536 MOUNTED INTO MOLDED LEADFRAME – INTERIOR LIGHTING



# Automotive Applications

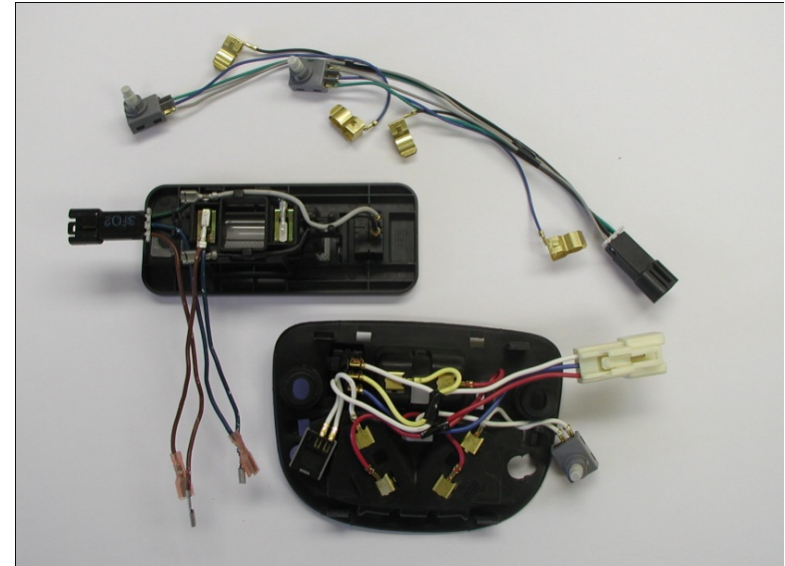


PCB MOUNTED GC536  
WITH TERMINALS





# GC 536 Harness Assemblies





# Termination Options



Quick Connect/ Plug In – “A” Front and Bottom Termination



Quick Connect – “B/C” Front Termination



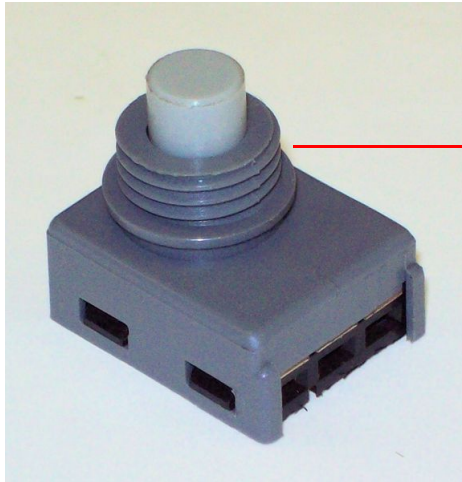
PCB



Wire Lead



# Mounting Options



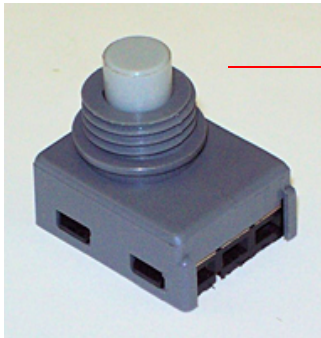
3/8 – 24 UNF Threaded Option



Slotted Mounting Option



# Actuator Styles



Standard



Slotted

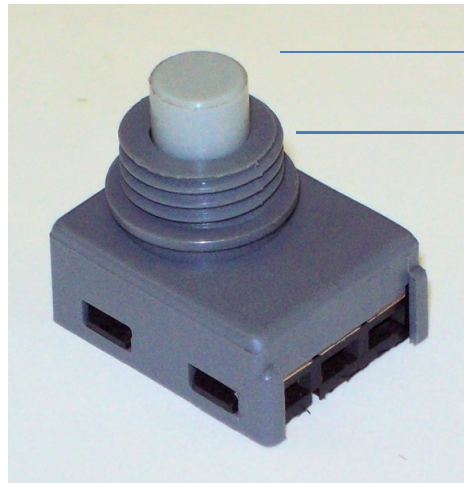


Tall



# Actuator Heights

- From .140" to .473" Available
- See accompanying chart for additional heights



.140"



.473"

Part Number	Circuitry	Function	Actuator Style	Actuator Height	Mounting	Orientation	Termination	Rating
GC-536-0002	SPDT	ON-ON	Std	0.140	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0009	SPDT	ON-ON	Std	0.140	Slot	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0102	SPDT	ON-ON	Std	0.327	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0105	SPDT	ON-ON	Slotted	0.255	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536A-0105	SPDT	ON-ON	Slotted	0.255	3/8 - 24 UNF	A	Female	1A 125VAC, 3A 14VDC
GC-536A-0109	SPDT	ON-ON	Std	0.150	3/8 - 24 UNF	A	Male	1A 125VAC, 3A 14VDC
GC-536B-0009	SPDT	ON-ON	Std	0.140	Slot	B	Femaile	1A 125VAC, 3A 14VDC
GC-536BQ-0400*	SPDT	ON-ON	Tall	0.297	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536C-0111	SPDT	ON-ON	Slotted	0.255	Slot	C	Female	1A 125VAC, 3A 14VDC
GC-536-0104	SPDT	ON-ON	Std	0.301	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0107	SPDT	ON-ON	Std	0.285	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0111	SPDT	ON-ON	Slotted	0.255	Slot	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0203	SPDT	ON-ON	Tall	0.291	3/8 - 24 UNF	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0215	SPDT	ON-ON	Tall	0.273	Slot	Std	Female	1A 125VAC, 3A 14VDC
GC-536-0315	SPDT	ON-ON	Tall	0.473	Slot	Std	Female	1A 125VAC, 3A 14VDC
GC-536A-0112	SPDT	ON-ON	Std	0.347	Slot	A	Female	1A 125VAC, 3A 14VDC
GC-536A-0113	SPDT	ON-ON	Std	0.275	3/8 - 24 UNF	A	Male	1A 125VAC, 3A 14VDC
GC-536A-0114	SPDT	ON-ON	Std	0.327	Slot w/Barrier	A	Female	1A 125VAC, 3A 14VDC
GC-536B-0107	SPDT	ON-ON	Std	0.285	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536B-0108	SPDT	ON-ON	Std	0.285	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536B-0111	SPDT	ON-ON	Slotted	0.255	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536B-0205	SPDT	ON-ON	Std	0.273	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536B-0208	SPDT	ON-ON	Std	0.273	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536LF-0002	SPDT	ON-ON	Std	0.140	3/8 - 24 UNF	B	Female	1A 125VAC, 3A 14VDC
GC-536P-0205	SPDT	ON-ON	Polyester	0.273	Slot	B	Female	1A 125VAC, 3A 14VDC
GC-536P-0207	SPDT	ON-ON	Polyester	0.273	Slot	B	Female	1A 125VAC, 3A 14VDC



## GC 536 Features

- Compact Size
- Easily configured to meet specific customer requirements.
- Wide range of termination options.

PCB

Plug In

Quick Connect

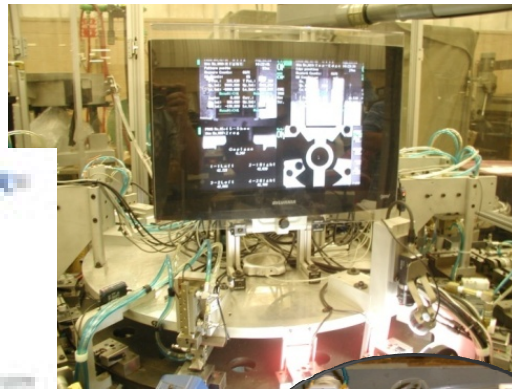
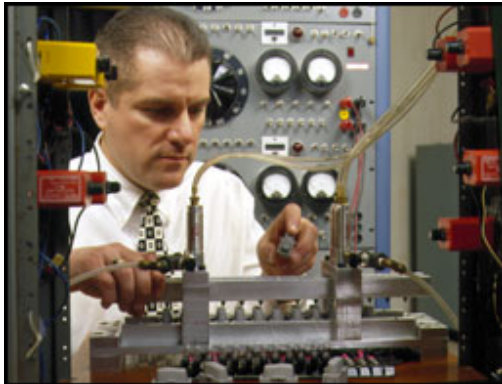
Wire Lead

- Various actuation forces available including *soft touch, quiet and firm.*
- Simple, fast mounting options.
- Cost Competitive





# Quality Assurance



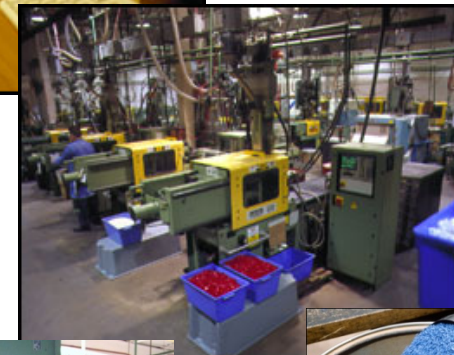
- ISO 9001:2008 Certified
- Extensive in-house test lab plus fully integrated SPC ensure high quality
- QPL Approved
- Testing to meet unique customer requirements
- Vision Inspection Systems
- Agency approvals
- RoHS compliance
- Component Registration Program of UL, File E 9556
- ITAR registration - M22285
- Cage code - 79727





# Manufacturing Capabilities

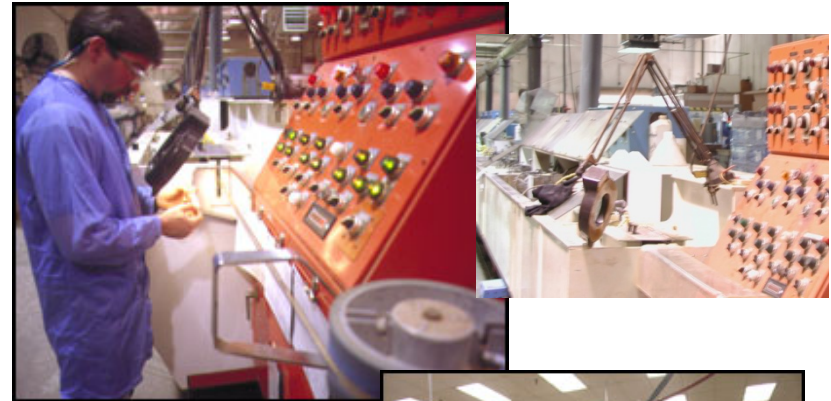
- Tooling
  - Three state-of-the-art tool shops – In House
  - Fast track prototyping.
- Plastic Molding
  - Automated injection molding
  - Automated, computer aided insert molding
- Stamping / Forming
  - Fully automated, high volume systems
  - Multiple output progressive dies





# Manufacturing Capabilities

- **Plating**
  - Selective and duplex plating capabilities
  - Precise plating control for optimum cost
  - Environmentally friendly
- **Automation**
  - Automated equipment for high volume processes
  - Proprietary equipment designed and built in-house

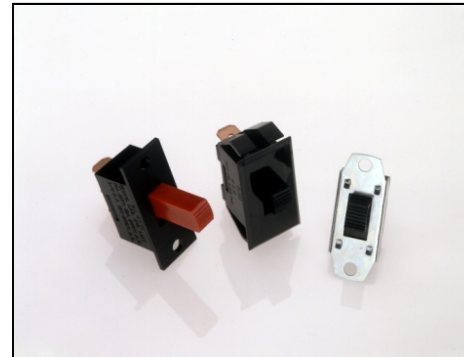




# Product Line - Switches

## Switches

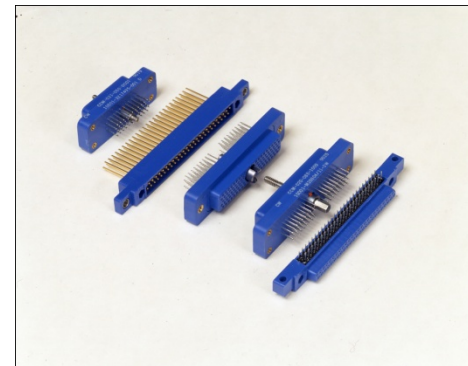
- Slide Switches
  - Standard
  - Miniature
  - Micro Miniature
  - Power Slide Switches
- Rocker Switches
  - Full Sized Rocker
  - Miniature Rocker
- Pushbutton
- Sealed / IP Rated
- Toggle
- Custom





# Product Line - Connectors

- Insulation Displacement Connectors
  - Commercial
  - Military Grade
- High Density Rectangular
  - Mil Spec
  - NAVSEA
- Custom
  - Low minimums

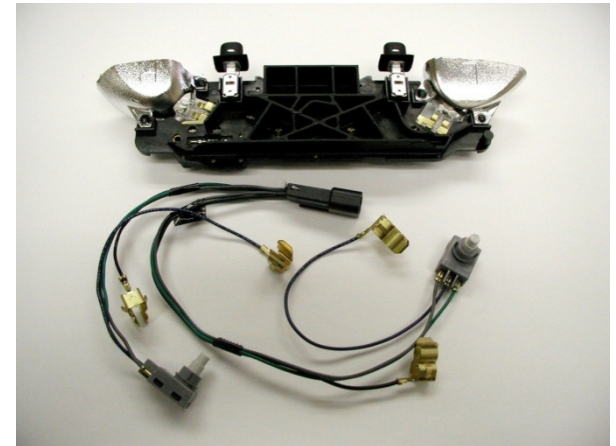
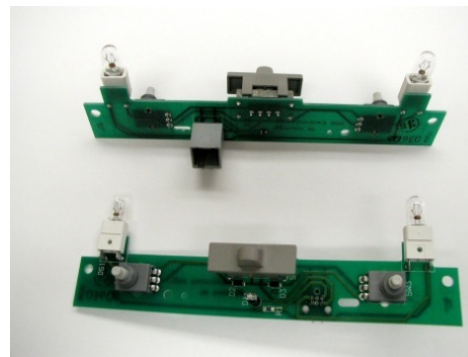
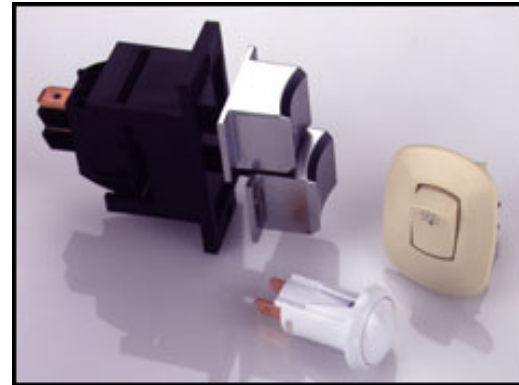




# Custom Capabilities

## Custom Capabilities

- Wire Harness
- Electro–Mechanical Assembly
- PCB Assembly with ESD Compliance
- Custom Switches
- Custom Connectors
- Private Label





# The CW Advantage

- CW is a partner to our customers
- Responsive & Professional
- Process and Design
  - Innovation, Manufacturing & Automation
  - Cost Effective
  - Custom Capabilities
- Quality Systems
- Stability - Financial Strength
- Highly trained and personalized Engineering and Sales Staff
- Global Presence
  - Application assistance in the field and at the factory to support our customers
  - Stocking Distributors Worldwide
  - Strategic Alliances



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**Or**

**Visit our website at**

**[www.cwind.com](http://www.cwind.com)**



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