



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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G-Series

TOGGLE SWITCHES

General purpose workhorses with options tailored to meet most any need. Ratings to 20A 277VAC, international approvals, various actuator, bushing, termination, and circuit choices allow this toggle switch to easily integrate into a variety of different applications. The G-Series is appropriate for usage in low voltage DC applications.



Resources:

Download 3D CAD Files

[IGS >](#) [STP >](#)

Product Highlights:

- ♦ Ratings to 20A 277VAC available
- ♦ Metal bat or nylon bat/paddle actuator styles
- ♦ UL, CSA and VDE approvals for select circuits
- ♦ Suitable for low voltage 12/24V DC

Typical Applications:

- ♦ Marine
- ♦ Food Service
- ♦ Generator
- ♦ Industrial Control
- ♦ Office Automation



Dielectric Strength

UL/CSA: 1000V - live to dead metal parts & opposite polarity

VDE: 4000V - live to dead metal parts; 1250V - opposite polarity & across open contacts

Electrical Life

50,000 cycles - maintained
25,000 cycles - momentary

Mechanical Life

100,000 cycles

Operating Temperature

32°F to 185°F (0° to 85°C)

2GM51 - 73

¹ Base Part Number

² Actuator Style

1 BASE PART NUMBER: SERIES / CIRCUITRY / RATING / TERMINATION ³

Single Pole in Double Pole base

10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC

solder lug	.250 tab	screw term.	
2GA50	2GA51	2GA54	On-None-Off
6GA5A	6GA5B	6GA5E	(On)-None-Off
6GA5L	6GA5M	6GA5S	On-None-(Off)
2GB50	2GB51	2GB54	On-None-On
6GB5A	6GB5B	6GB5E	On-None-(On)
2GC50	2GC51	2GC54	On-Off-On
6GC5A	6GC5B	6GC5E	On-Off-(On)
6GC5L	6GC5M	6GC5S	(On)-Off-(On)

Double Pole

solder lug	.250 tab	screw term.
2GK50	2GK51	2GK54
6GK5A	6GK5B	6GK5E
6GK5L	6GK5M	6GK5S
2GL50	2GL51	2GL54
6GL5A	6GL5B	6GL5E
2GM50	2GM51	2GM54
6GM5A	6GM5B	6GM5E
6GM5L	6GM5M	6GM5S

10A 250VAC, 15A 125VAC, 12 (6)A 250VAC T85/55 ENEC/VDE Approved ¹

2GA90	2GA91	-	On-None-Off	2GK90	2GK91
2GB90	2GB91	-	On-None-On	2GL90	2GL91
2GC90	2GC91	-	On-Off-On	2GM90	2GM91

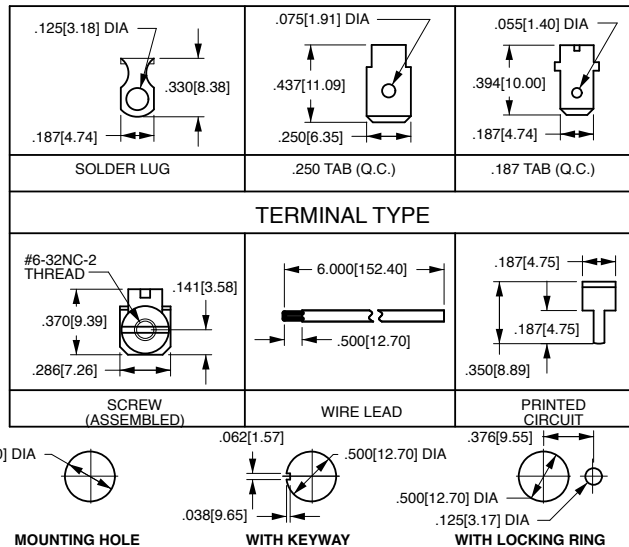
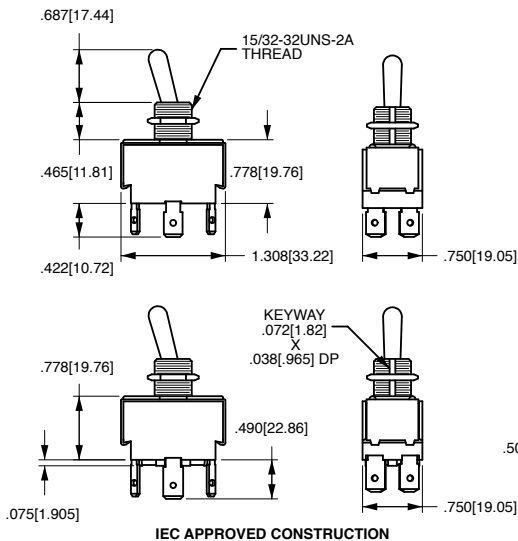
Additional ratings up to 20A 125VAC, 12A 250VAC, 1HP 120-240 VAC available. Consult factory for specifics.

2 ACTUATOR STYLE ⁴

	unsealed	sealed	toggle length	bushing length
BAT	73	78	0.687	0.465
PADDLE ⁵	NBL3	NBL8	0.687	0.465
BAT ²	D-3B-B	-	0.687	0.379
PADDLE ²	-	D-4B-B	0.687	0.379

Notes:

- Not available with 73 or NBL3 style toggles, T55 with 78 and NBL8 style toggles.
- All nylon bushing and toggle.
- Consult factory for .187 tab, wire lead and combination screw/tab/solder lug termination callouts.
- Additional actuator options available. Consult factory.
- Nylon toggle with black ebanol plated bushing.
- () Indicates momentary function.



*Manufacturer reserves the right to change product specification without prior notice.

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