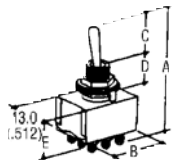


MT Green Series

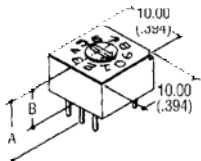
These switches are best known for their ease of mounting and actuation as well as for long term reliability. Variety and quality are designed in, not added on. The miniature "Green Series" features the following: molded-in terminals, anti-push-in toggle, hi-torque bushing, gold flash terminals, UL Listed (File No. E46765). **Contact Rating:** 6 amps at 125 VAC, 3 amps at 250 VAC, 4 amps at 28 VDC. **Contact Resistance:** Below 10 milliohms. **Insulation Resistance:** 1000 megohms min. Solid silver contacts. Green diallyl phthalate case. ( ) denotes momentary.



| Stock No. | Mfr.'s Type | Description                                 | Dimensions — In. |       |      |      |      |      | EACH  |         |        |
|-----------|-------------|---------------------------------------------|------------------|-------|------|------|------|------|-------|---------|--------|
|           |             |                                             | Lead Spacing     | A     | B    | C    | D    | E    | 1-99  | 100-499 | 500-Up |
| 758-5560  | MTA106D     | SPDT: Wire Lug — On-None-On                 | .170             | 1.279 | .320 | .413 | —    | .354 | 4.55  | 3.65    | 3.07   |
| 758-0062  | MTA106E     | SPDT: Wire Lug — On-Off-On                  | .170             | 1.279 | .320 | .413 | .315 | .354 | 5.27  | 4.23    | 3.55   |
| 758-0064  | MTA106G     | SPDT: Wire Lug — (On)-Off-(On)              | .170             | 1.279 | .320 | .413 | .315 | .354 | 8.69  | 6.98    | 5.86   |
| 758-0066  | MTA106DPC   | SPDT: PCB Mount — On-None-On                | .170             | 1.373 | .315 | .413 | .315 | .354 | 3.93  | 3.15    | 2.65   |
| 758-0068  | MTA206N     | DPDT: Wire Lug — On-None-On                 | .100 × .100      | 1.279 | .512 | .413 | .315 | .354 | 5.62  | 4.51    | 3.79   |
| 758-0070  | MTA206P     | SPDT: Wire Lug — On-Off-On                  | .100 × .100      | 1.279 | .512 | .413 | .315 | .354 | 10.02 | 8.05    | 6.75   |
| 758-0072  | MTA206NPC   | DPDT: PCB Mount — On-None-On                | .100 × .100      | 1.373 | .512 | .413 | .315 | .354 | 9.34  | 7.51    | 6.30   |
| 758-0076  | MTE206N     | DPDT: Wire Lug, Splash Proof — On-None-On   | .100 × .100      | 1.120 | .512 | .410 | .300 | .410 | 13.12 | 10.52   | 8.84   |
| 758-0078  | MTF206N     | DPDT Wire Lug, Flatted Toggle — On-None-On  | .100 × .100      | 1.350 | .512 | .490 | .320 | .390 | 10.59 | 8.50    | 7.14   |
| 758-0080  | MTL106D     | SPDT: Wire Lug, Locking Toggle — On-None-On | .170             | 1.500 | .320 | .669 | .320 | .430 | 11.57 | 9.28    | 7.80   |
| 758-0082  | MTL206N     | DPDT: Wire Lug, Locking Toggle — On-None-On | .100 × .100      | 1.500 | .512 | .669 | .320 | .430 | 13.44 | 10.79   | 9.07   |
| 758-0086  | MTM106DPC   | SPDT: PCB Mount, Short Toggle — On-None-On  | .170             | 0.980 | .320 | .270 | .320 | .390 | 7.27  | 5.84    | 4.90   |
| 758-0088  | MTG206N     | DPDT: Wire Lug, Large Toggle — On-None-On   | .100 × .100      | 1.272 | .510 | .450 | .469 | .354 | 8.54  | 6.86    | 5.76   |

DR Series Rotary DIP Switch

DR Series features highest contact reliability with a pin-point high contact pressure mechanism providing longer life expectancy by penetrating oxides and sulfurized film allowing more than 10000 rotations. Insert molded terminals and internal "O" ring allow wave soldering and immersion cleaning. **32 styles to choose from:** screwdriver, knob and shaft types are available in both upright and right angle versions. Plus your choice of 4 standard output codes. **Specifications.** **Contact Rating:** 0.4 VA @ 20 VDC (max.). **Initial Contact Resistance:** 50 milliohms max. @ 2 VDC. **Insulation Resistance:** 1000 milliohms min. @ 100 VDC. **Dielectric Strength:** 300 VAC 1 minute. **Operating Temperature Range:** -10°C to +85°C. **Life Expectancy:** 10000 rotations. Surface mount types available on special order.



| Stock No. | Mfr.'s Type | Positions | Description                     | Dimensions — In. |      |      | EACH  |         |           |
|-----------|-------------|-----------|---------------------------------|------------------|------|------|-------|---------|-----------|
|           |             |           |                                 | Lead Spacing     | A    | B    | 1-249 | 250-999 | 1000-2499 |
| 758-0279  | DRD10E      | 10        | "D" Flush Actuator: BCD         | .100 × .300      | .382 | .236 | 5.24  | 4.13    | 3.53      |
| 758-0281  | DRD16E      | 16        | "D" Flush Actuator: Hexadecimal | .100 × .300      | .382 | .236 | 5.77  | 4.55    | 3.89      |

\*Actuator style varies from drawing.

AD Series  
Auto Insertable DIP Switch

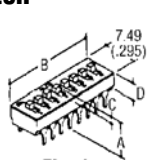


Fig. 1

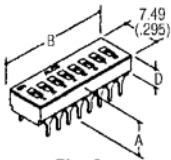


Fig. 2

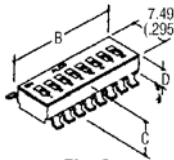


Fig. 3

Unique ceramic substrate allows soldering temperature of 245°C ±5% for up to 30 seconds. Auto-insertable using standard insertion equipment. Gas tight contacts (280000 PSI). Allows wave soldering and aqueous or solvent cleaning without the use of tape seals. **Base:** PBT encapsulated ceramic. **Cover and Actuation:** PBT 94 V-O. Gold flash

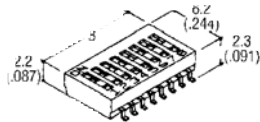
beryllium copper moving contacts. Solder coated brass fixed contact and terminal. **Operating Force:** Less than 800 grams. **Contact Rating:** 4 VA at 20VDC max. **Operating Temperature:** -30°C to +86°C. **Dielectric Strength:** 500 VAC rms at sea level. **Life Expectancy:** 5000 operations.

| Stock No. | Mfr.'s Type | Fig. | Positions | Description                            | Dimensions — In. |      |      |      |      |  | EACH |         |         |
|-----------|-------------|------|-----------|----------------------------------------|------------------|------|------|------|------|--|------|---------|---------|
|           |             |      |           |                                        | Lead Spacing     | A    | B    | C    | D    |  | 1-99 | 100-499 | 500-999 |
| 758-0308  | ADE08       | 1    | 8         | Extended Actuator — PC Term.           | .100             | .334 | .878 | .039 | .167 |  | 1.13 | .89     | .76     |
| 758-0318  | ADF08       | 2    | 8         | Flush Actuator — PC Term.              | .100             | .295 | .878 | —    | .167 |  | 1.13 | .89     | .76     |
| 758-0320  | ADF08S      | 3    | 8         | Flush Actuator — S Term. Surface Mount | .100             | .175 | .878 | —    | .167 |  | 1.34 | 1.06    | .91     |

GD Series DIP Switch

- High Temperature Plastics Provide Process Compatibility with Reflow Soldering up to 260°C
- Tape Seal Corner Notch, No Cumbersome Tape to Interfere with Component Placement Equipment
- Gold-to-Gold Contact System Provides High Reliability
- SMD Terminals. SMD Configuration Facilitates Cost Savings Through the Use of Smaller PC Boards and Enhanced Board Density
- Variety of Actuator Styles to Satisfy Every Application

The GD Series DIP Switch family from Thomas & Betts offers you slide, piano, rocker and button actuator styles in thru board and surface mount terminal configurations. High temperature polymers provide compatibility with reflow soldering temperature as high as 260°C. Standard tape seal with unique corner notch to facilitate removal bifurcated gold contacts provide the reliability your programming requirements demand.



GDH Half Pitch DIP Switch

| Stock No. | Mfr.'s Type | Poles | Description                                     | Dimensions — In. |      |      | EACH |         |         |
|-----------|-------------|-------|-------------------------------------------------|------------------|------|------|------|---------|---------|
|           |             |       |                                                 | Lead Spacing     | A    | B    | 1-99 | 100-499 | 500-999 |
| 758-0334  | GDH04S      | 4     | Half Pitch .050" (1.27 mm) SMD Terminal Spacing | .050             | .091 | .244 | 2.76 | 2.18    | 1.87    |
| 758-0336  | GDH08S      | 8     | Half Pitch .050" (1.27 mm) SMD Terminal Spacing | .050             | .091 | .444 | 3.70 | 2.92    | 2.50    |

Note: Tube packaging standard. Tape and reel packaging optional.