

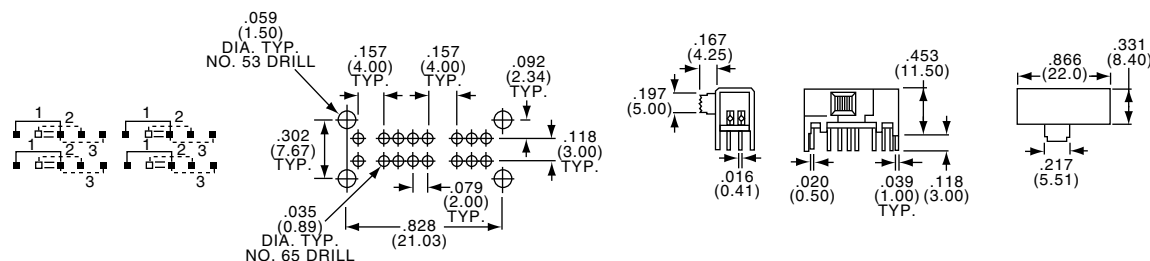
## Slide Switches, Instrumentation Grade

SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

4P3T



MSS4300R

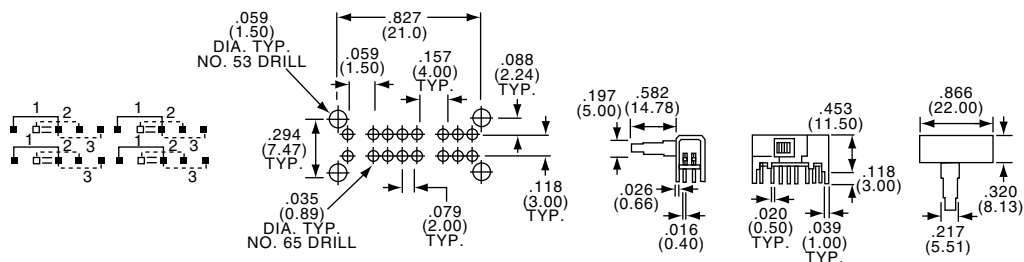


| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 7-1437576-7      | MSS4300R   | Silver  |
| 7-1437576-8      | MSS4300RG  | Gold    |

4P3T



MSS4350R

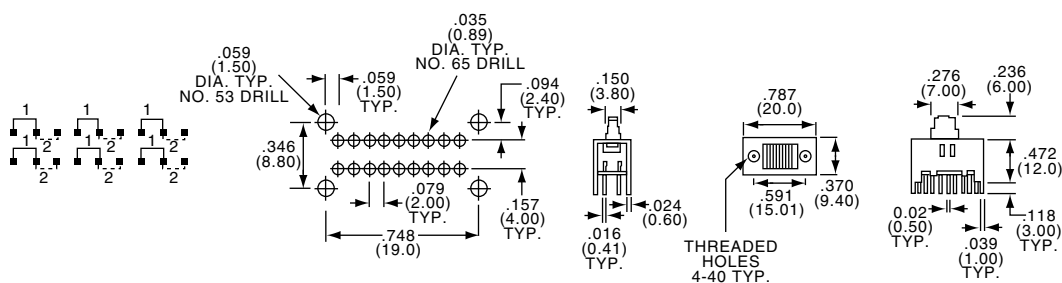


| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 8-1437576-0      | MSS4350R   | Silver  |
| 8-1437576-1      | MSS4350RG  | Gold    |

6PDT



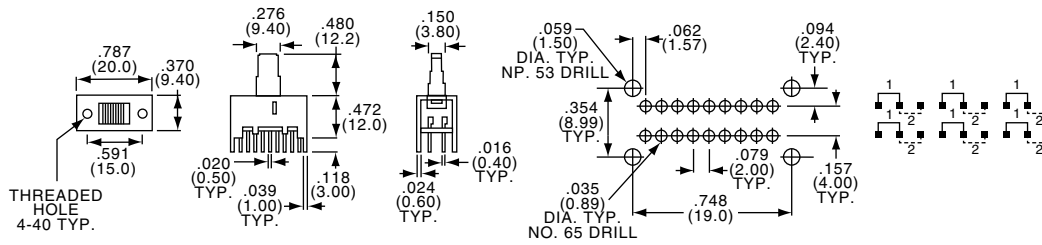
MSS6200



| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 8-1437576-8      | MSS6200    | Silver  |
| 8-1437576-9      | MSS6200G   | Gold    |

## Slide Switches, Instrumentation Grade

SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

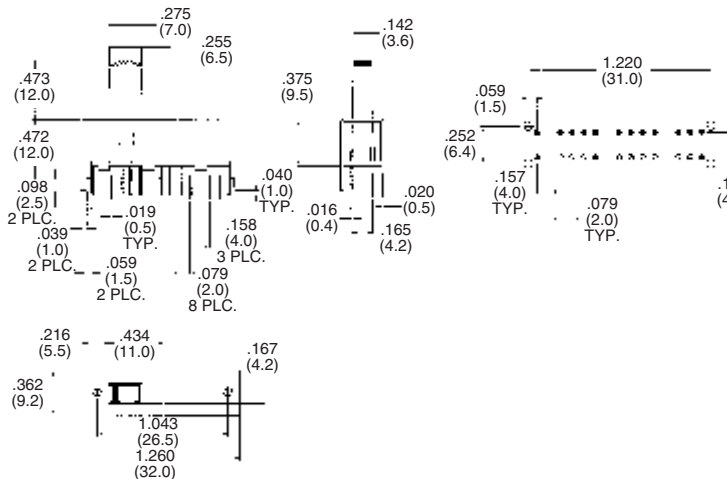


6PDT



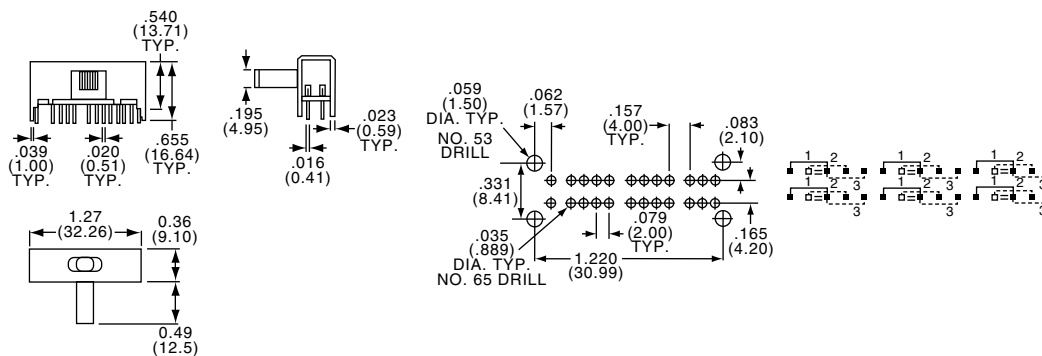
MSS6250

| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 9-1437576-0      | MSS6250    | Silver  |



| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 9-1437576-3      | MSS6350    | Silver  |
| —                | MSS6350G   | Gold    |

6P3T



MSS6350R

| Tyco Electronics | Alcoswitch | Plating |
|------------------|------------|---------|
| 9-1437576-4      | MSS6350R   | Silver  |
| —                | MSS6350RG  | Gold    |

## Slide Switches, Instrumentation Grade

### MATERIAL SPECIFICATIONS:

|                               |                                        |
|-------------------------------|----------------------------------------|
| Contacts .....                | Silver or gold over copper alloy       |
| Case Material .....           | Cold rolled steel                      |
| Actuator Material .....       | Polyester UL94V-0                      |
| Terminals/Mixed Contacts..... | Gold or silver plate over copper alloy |
| Terminal Seal .....           | Epoxy                                  |

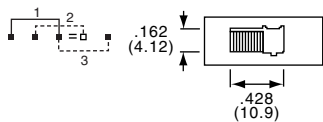
### ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature.....-4°F to +185°F (-20°C to +85°C)  
Storage Temperature.....-40°F to +212°F (-40°C to +100°C)  
Solder Heat Resistance .....See page M3-4

### TYPICAL PERFORMANCE CHARACTERISTICS:

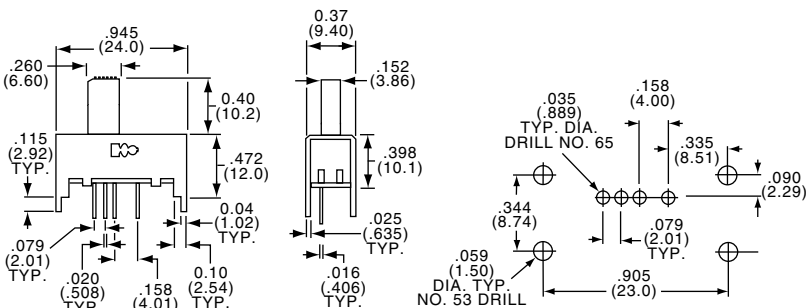
|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| Contact Rating .....             | Gold: 0.4 VA 20 VDC or peak AC<br>Silver: 300 mA @ 125 VAC |
| Initial Contact Resistance ..... | 30 Milliohms max.                                          |
| Contact Timing .....             | Make before break                                          |
| Insulation Resistance .....      | 1,000 Megohms min.                                         |
| Dielectric Strength .....        | 500 Volts RMS @ sea level                                  |
| Actuation Force .....            | 600±300/470 Grams average                                  |
| Actuator Travel .....            | 0.079" (2.01) approximate                                  |
| Life Expectancy .....            | Up to 15,000 Cycles                                        |

## SP3T

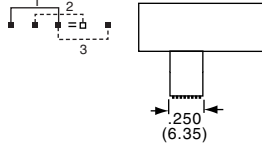


MSSA1350

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 3-1437580-3      | MSSA1350   | Silver  | Upright        |
| 3-1437580-4      | MSSA1350G  | Gold    | Upright        |

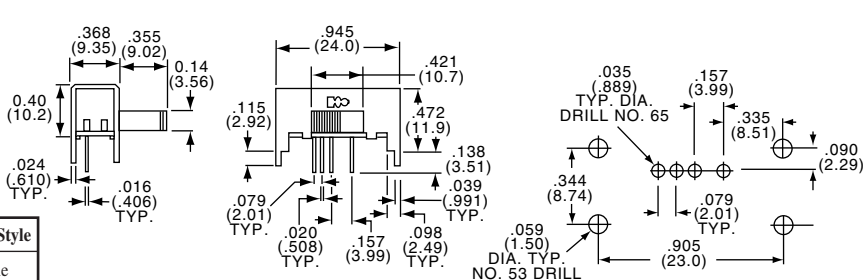


## SP3T

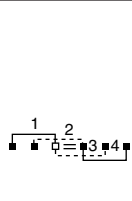


MSSA1350R

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 3-1437580-5      | MSSA1350R  | Silver  | Rt. Angle      |
| 3-1437580-6      | MSSA1350RG | Gold    | Rt. Angle      |

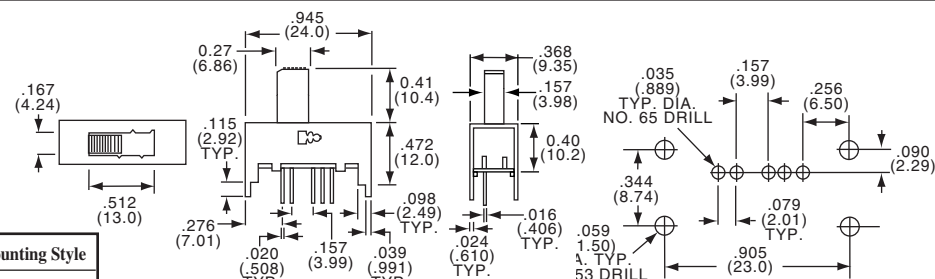


## SP4T

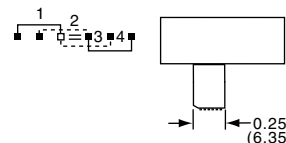


MSSA1450

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 3-1437580-7      | MSSA1450   | Silver  | Upright        |
| 3-1437580-8      | MSSA1450G  | Gold    | Upright        |

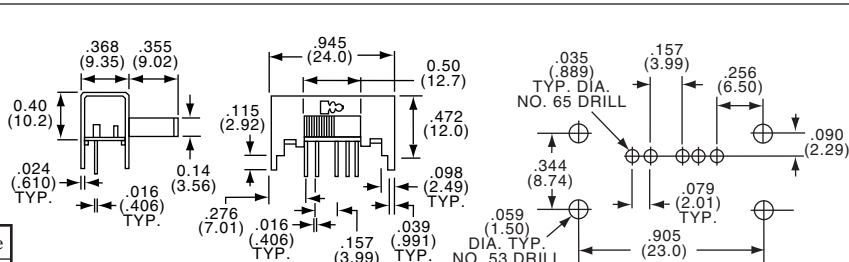


## SP4T



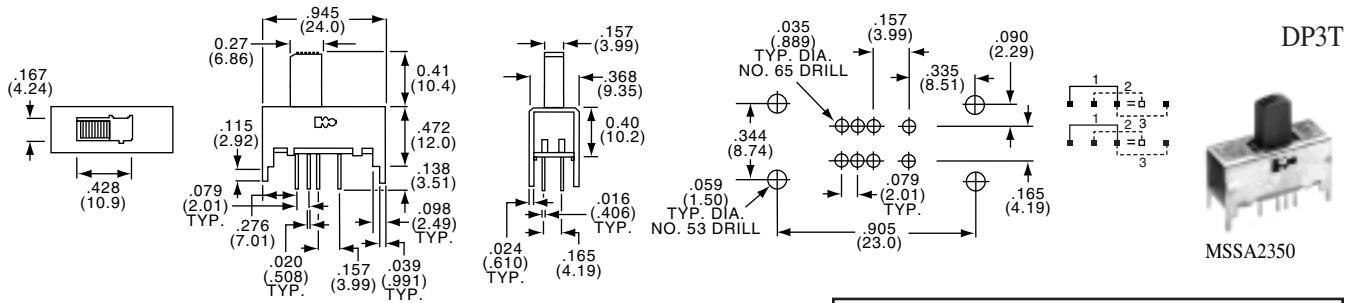
MSSA1450R

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 3-1437580-9      | MSSA1450R  | Silver  | Rt. Angle      |
| 4-1437580-0      | MSSA1450RG | Gold    | Rt. Angle      |

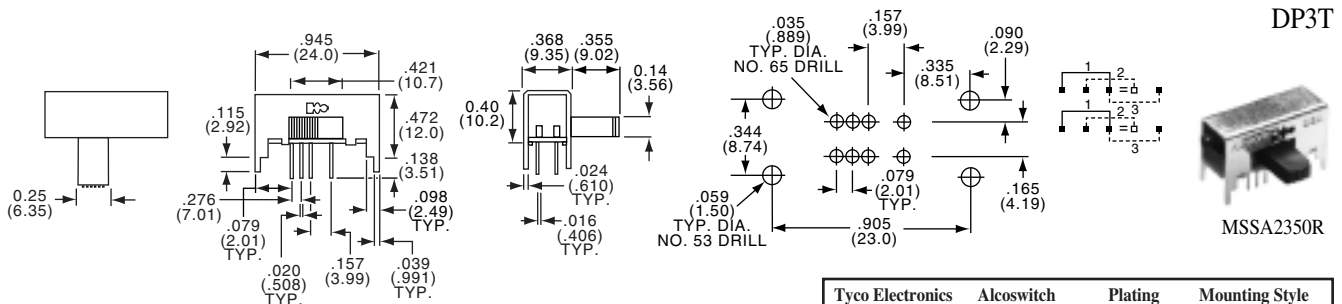


**Slide Switches, Instrumentation Grade**

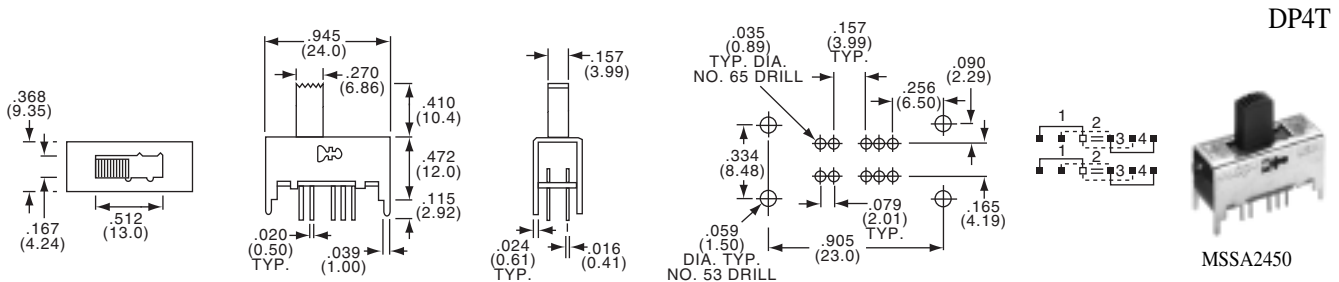
SEE PAGE B26 FOR PRODUCT SPECIFICATIONS



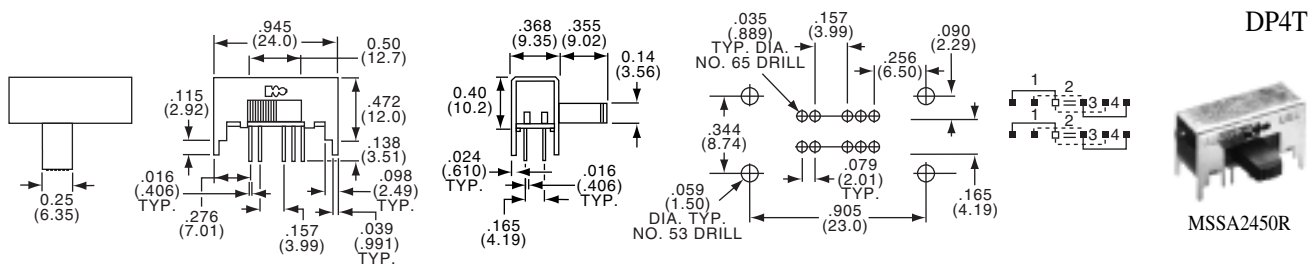
| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 5-1437580-3      | MSSA2350   | Silver  | Upright        |
| 5-1437580-4      | MSSA2350G  | Gold    | Upright        |



| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 5-1437580-5      | MSSA2350R  | Silver  | Rt. Angle      |
| 5-1437580-6      | MSSA2350RG | Gold    | Rt. Angle      |



| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 5-1437580-7      | MSSA2450   | Silver  | Upright        |
| 5-1437580-8      | MSSA2450G  | Gold    | Upright        |



| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 5-1437580-9      | MSSA2450R  | Silver  | Rt. Angle      |
| 6-1437580-0      | MSSA2450RG | Gold    | Rt. Angle      |

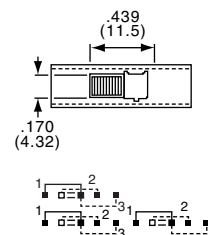
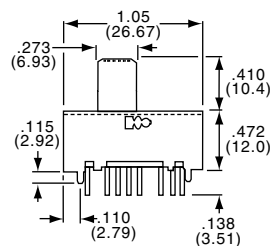
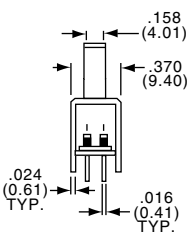
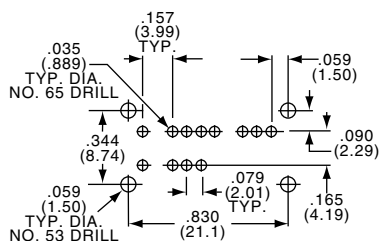
**Slide Switches, Instrumentation Grade**

SEE PAGE B26 FOR PRODUCT SPECIFICATIONS

3P3T



MSSA3350

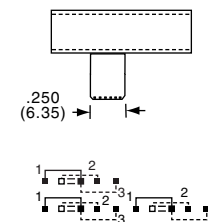
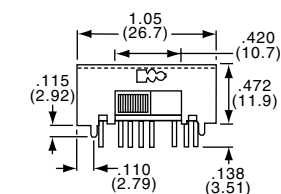
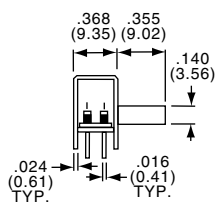
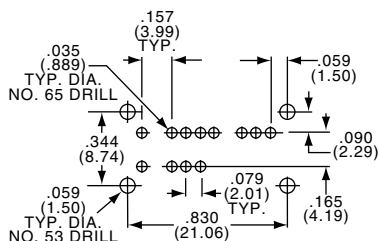


| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 6-1437580-1      | MSSA3350   | Silver  | Upright        |
| 6-1437580-2      | MSSA3350G  | Gold    | Upright        |

3P3T



MSSA3350R

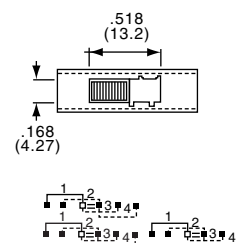
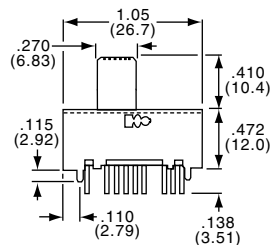
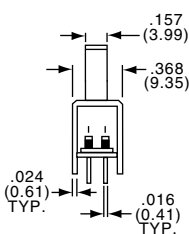
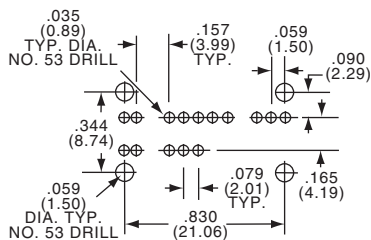


| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 6-1437580-3      | MSSA3350R  | Silver  | Rt. Angle      |
| 6-1437580-4      | MSSA3350RG | Gold    | Rt. Angle      |

3P4T



MSSA3450

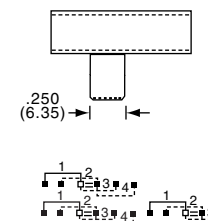
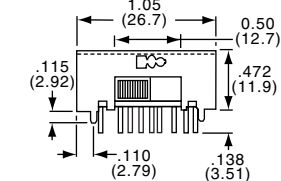
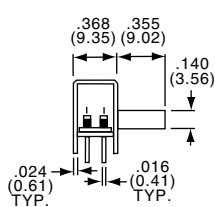
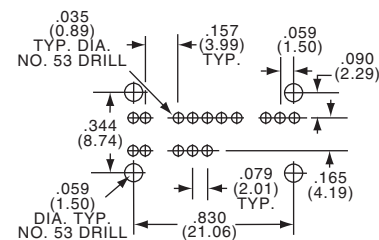


| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 6-1437580-5      | MSSA3450   | Silver  | Upright        |
| 6-1437580-6      | MSSA3450G  | Gold    | Upright        |

3P4T



MSSA3450R

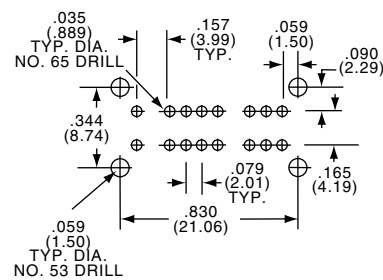
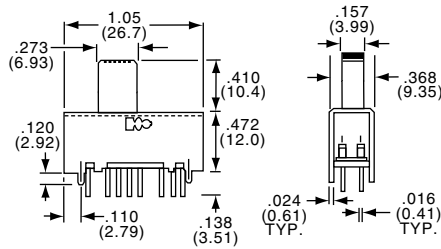
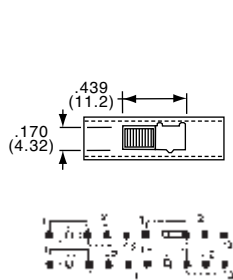


| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 6-1437580-7      | MSSA3450R  | Silver  | Rt. Angle      |
| 6-1437580-8      | MSSA3450RG | Gold    | Rt. Angle      |

**Slide Switches, Instrumentation Grade**

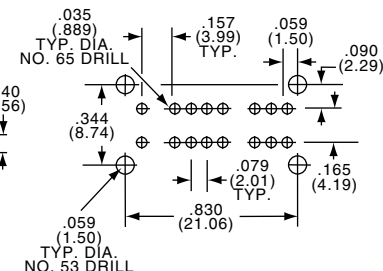
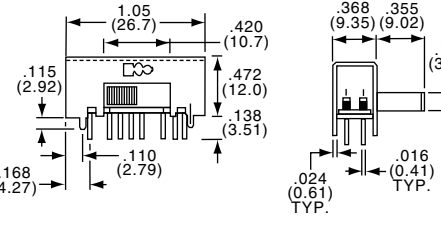
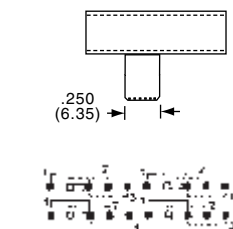
SEE PAGE B26 FOR PRODUCT SPECIFICATIONS

4P3T



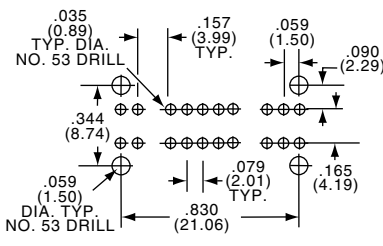
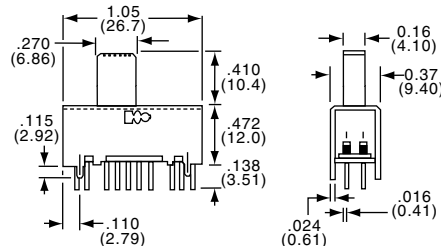
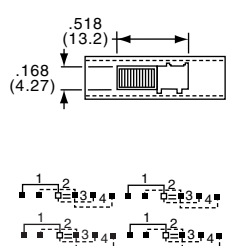
MSSA4350

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 6-1437580-9      | MSSA4350   | Silver  | Upright        |
| 7-1437580-0      | MSSA4350G  | Gold    | Upright        |



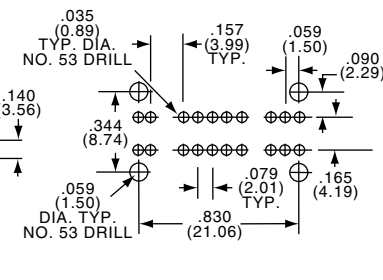
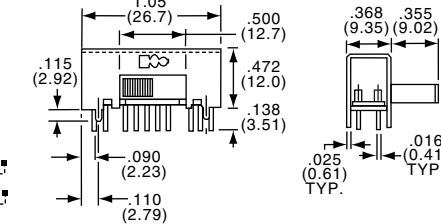
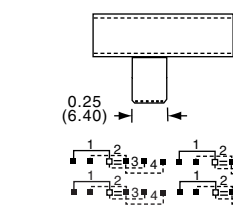
MSSA4350R

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 7-1437580-1      | MSSA4350R  | Silver  | Rt. Angle      |
| 7-1437580-2      | MSSA4350RG | Gold    | Rt. Angle      |



MSSA4450

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 7-1437580-3      | MSSA4450   | Silver  | Upright        |
| 7-1437580-4      | MSSA4450G  | Gold    | Upright        |



MSSA4450R

| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
|------------------|------------|---------|----------------|
| 7-1437580-5      | MSSA4450R  | Silver  | Rt. Angle      |
| 7-1437580-6      | MSSA4450RG | Gold    | Rt. Angle      |

## Slide Switches, Instrumentation Grade, .200 Terminal Spacing

### MATERIAL SPECIFICATIONS:

Contacts .....Silver clad or gold plate  
Case Material .....Polyester  
Actuator Material .....Polyamide  
Terminals .....Gold or silver plate  
Terminal Seal .....Epoxy

### ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature.....-4°F to +149°F (-20°C to +65°C)  
Storage Temperature.....-40°F to +212°F (-40°C to +100°C)  
Solder Heat Resistance.....See page M3-4

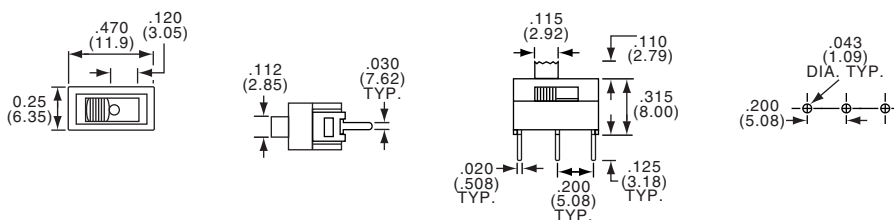
### TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....Gold: 0.4 VA max. 20 VDC or peak AC  
Silver: 3 A @ 115 VAC, 1.5A @ 230 VAC  
Initial Contact Resistance .....20 Milliohms max.  
Contact Timing .....Non-shorting  
Insulation Resistance .....1,000 Megohms @ 500 VDC min.  
Dielectric Strength .....500 Volts RMS @ sea level  
Actuation Force .....600 ±300 Grams  
Actuator Travel......120" (3.05) Approximate  
Life Expectancy .....Up to 30,000 Cycles

### SPDT



MSSA114D

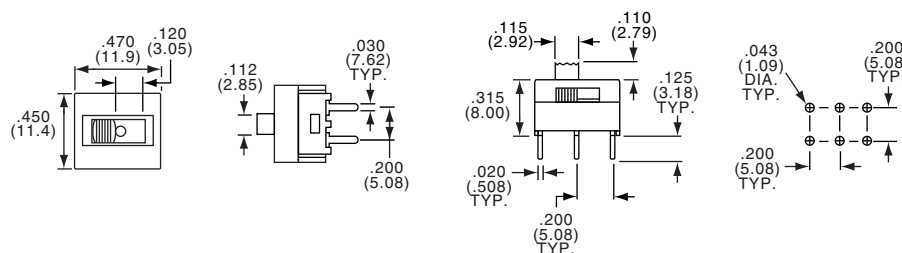


| Tyco Electronics | Alcoswitch | Act. Code | Pg. M5 | On   | Off | Contacts |
|------------------|------------|-----------|--------|------|-----|----------|
| 2-1437580-9      | MSSA111DG  | D         | On     | None | On  | Gold     |
| 3-1437580-0      | MSSA111EG  | E         | On     | Off  | On  | Gold     |
| 3-1437580-1      | MSSA114D   | D         | On     | None | On  | Silver   |
| 3-1437580-2      | MSSA114E   | E         | On     | Off  | On  | Silver   |

### DPDT



MSSA214N



| Tyco Electronics | Alcoswitch | Act. Code | Pg. M5 | On   | Off | Contacts |
|------------------|------------|-----------|--------|------|-----|----------|
| 4-1437580-9      | MSSA211NG  | N         | On     | None | On  | Gold     |
| 5-1437580-2      | MSSA214N   | N         | On     | None | On  | Silver   |