

Slide Switches, Vertical, Single or Dual Actuator

MATERIAL SPECIFICATIONS:

ContactsCopper w/gold plate over nickel
 Case MaterialHigh temperature polyester (94-VO)
 Actuator MaterialPolyester (94-VO)
 TerminalsCopper alloy tin/lead/nickel or gold/nickel
 Terminal SealEpoxy standard: single pole, optional: double pole

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature-4°F to +176°F (-20°C to +80°C)
 Storage Temperature-4°F to +176°F (-20°C to +80°C)

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact RatingGold: 0.4 VA max. @ 20 VDC or peak AC
 Initial Contact Resistance20 Milliohms max.
 Contact TimingNon-shorting
 Insulation Resistance1,000 Megohms min. @ 500 VDC
 Dielectric Strength1,000 Volts RMS @ sea level
 Plunger/Actuator Travel0.120" (3.05)
 Life ExpectancyUp to 60,000-80,000 Cycles

SPST/SPDT

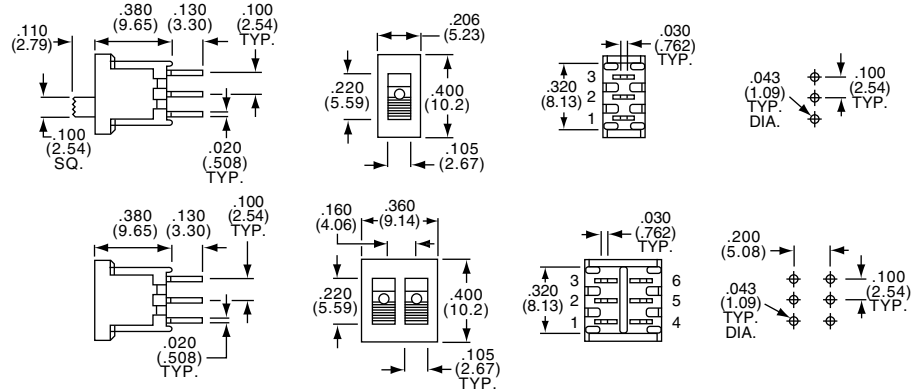


TSS11DGPC TSS11DG1PC

SPST/SPDT (DUAL)



TSD21AAGPC TSD21DDG1PC



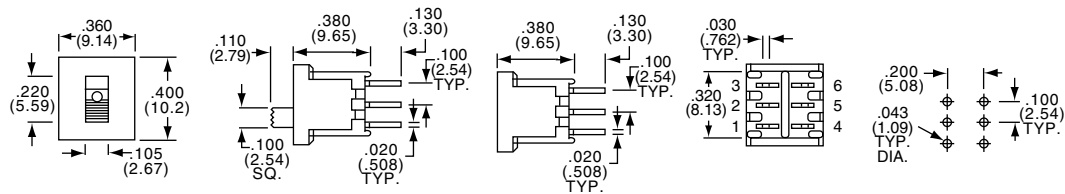
Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off	Extended Dual Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off
1437578-3	TSS11AGPC	SPST	A	On	None	Off	—	TSD21AAGPC	2 x SPST	A	On	None	Off
1-1437589-0	TSS11DGPC	SPDT	D	On	None	On	1437579-5	TSD21DDGPC	2 x SPDT	D	On	None	On
1-1437579-4	TSS11EGPC	SPDT	E	On	Off	On	Flush Dual Actuator						
Flush Actuator							—	TSD21DDG1PC	2 x SPDT	D	On	None	On
1437579-8	TSS11AG1PC	SPST	A	On	None	Off							
TSS11DG1PC	SPDT	D	On	None	On								
1-1437579-2	TSS11EG1PC	SPDT	E	On	Off	On							

Note: No center terminals on "A" action switches.

DPST/DPDT



TSS21NGPC TSS21PGPC



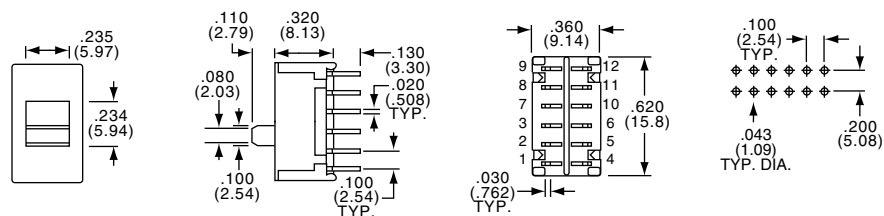
Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off	Flush Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off
1-1437579-6	TSS21KGPC	DPST	K	On	None	Off	—	TSS21KG1PC	DPST	K	On	None	Off
1-1437579-9	TSS21NGPC	DPDT	N	On	None	On	1-1437579-7	TSS21NG1PC	DPDT	N	On	None	On
2-1437579-3	TSS21PGPC	DPDT	P	On	Off	On	2-1437579-1	TSD21RG1PC	DPDT	P	On	Off	On

Note: No center terminals on "K" action switches.

4PDT



TSS41NGPC

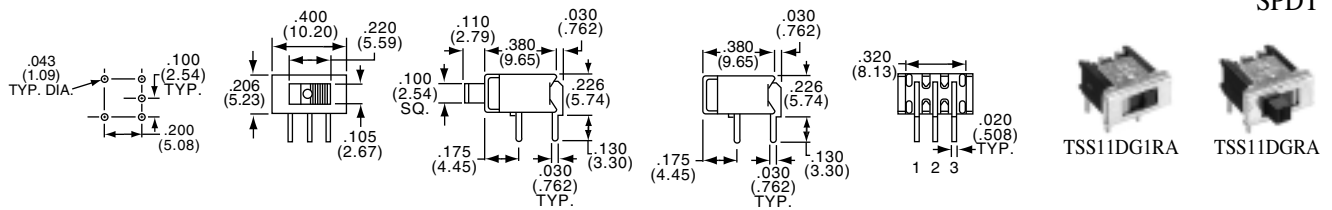


Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off
2-1437579-5	TSS41NGPC	4PDT	N	On	None	On

Slide Switches, Right Angle, Single or Dual Actuator

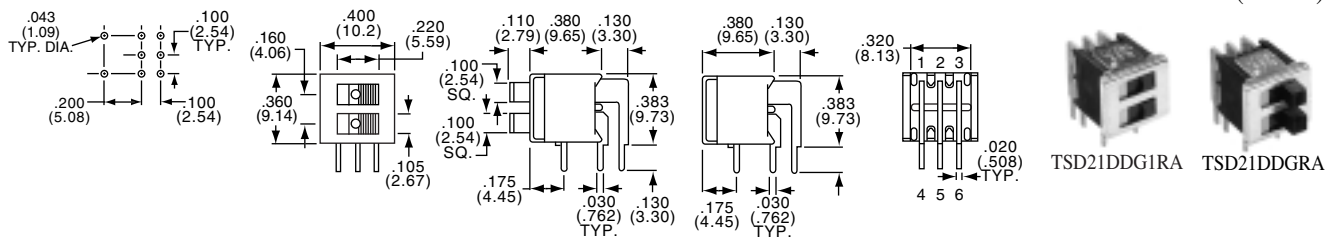
SEE PAGE B18 FOR PRODUCT SPECIFICATIONS

SPDT



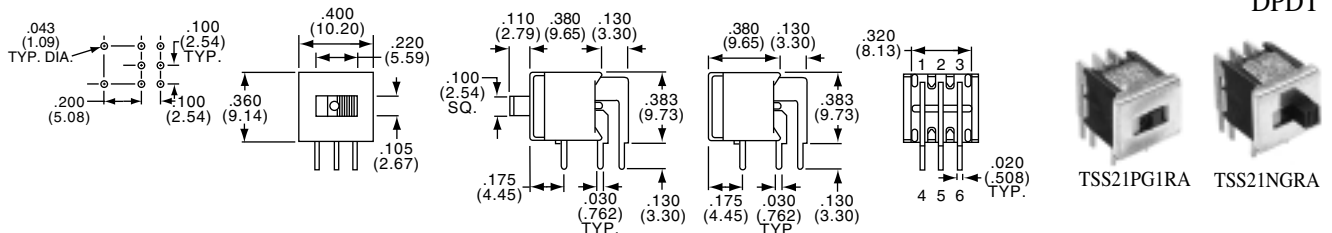
Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6				Flush Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6			
1-1437579-1	TSS11DGRA	SPDT	D	On	None	On	1437579-9	TSS11DG1RA	SPDT	D	On	None	On
1-1437579-5	TSS11EGRA	SPDT	E	On	Off	On	1-1437579-3	TSS11EG1RA	SPDT	E	On	Off	On

SPDT (DUAL)



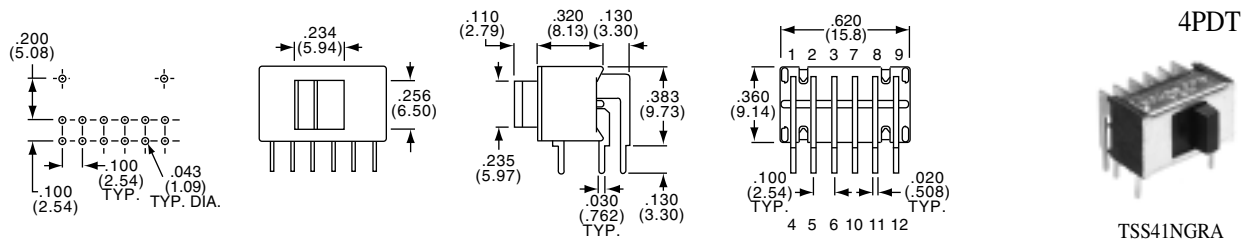
Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6				Flush Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6			
1437579-6	TSD21DDGRA	2 x SPDT	D	On	None	On	1437579-4	TSD21DDG1RA	2 x SPDT	D	On	None	On
1437579-7	TSD21EEGRA	2 x SPDT	E	On	Off	On	—	TSD21EEG1RA	2 x SPDT	E	On	Off	On

DPDT



Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6				Flush Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6			
—	TSS21PAGRA	SP3T	PA	On	On	On	—	TSS21NG1RA	DPDT	N	On	None	On
2-1437579-0	TSS21NGRA	DPDT	N	On	None	On	—	TSS21PG1RA	DPDT	P	On	Off	On
2-1437579-4	TSS21PGRA	DPDT	P	On	Off	On							

4PDT



Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6			
2-1437579-7	TSS41NGRA	4PDT	N	On	None	On

Slide Switches, Instrumentation Grade

MATERIAL SPECIFICATIONS:

Contacts	Gold or silver over nickel/copper alloy
Frame Material	Tin plated steel
Terminals/Fixed Contacts.....	Gold or silver over nickel/over copper alloy
Terminal Seal	Epoxy
Actuator Material	POM-UL94HB

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 ResistanceSee page M3-4

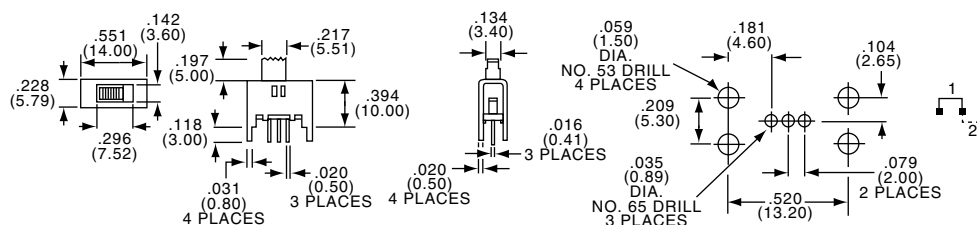
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating	Gold: 0.4 VA 20 VDC or peak AC Silver: 300 mA @ 125 VAC
Initial Contact Resistance	20 Milliohms max.
Contact Timing	Make before break
Insulation Resistance	1,000 Megohms min.
Dielectric Strength	500 VAC
Actuation Force	100 to 600 Grams
Life Expectancy	Up to 15,000 Cycles
Travel	0.079" (2.01) (unless otherwise specified)

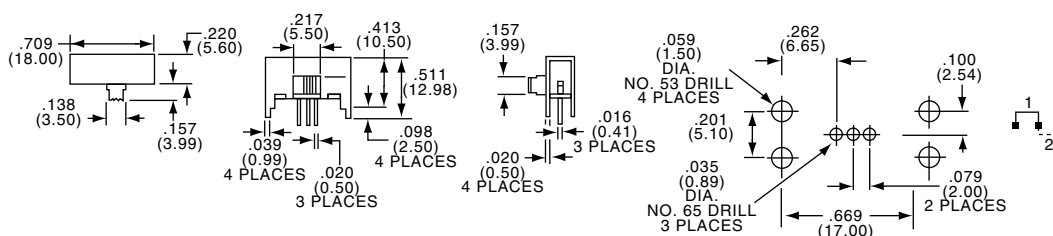
SPDT



MSS1200



MSS1200R

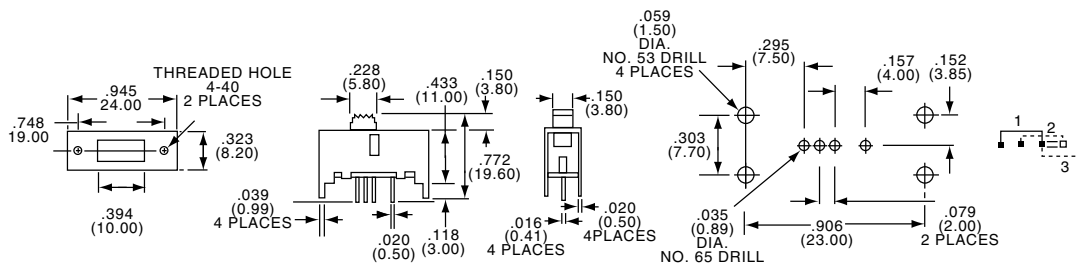


Tyco Electronics	Alcoswitch	Plating	Tyco Electronics	Alcoswitch	Plating
5-1437576-0	MSS1200	Silver	5-1437576-2	MSS1200R	Silver
5-1437576-1	MSS1200G	Gold	5-1437576-3	MSS1200RG	Gold

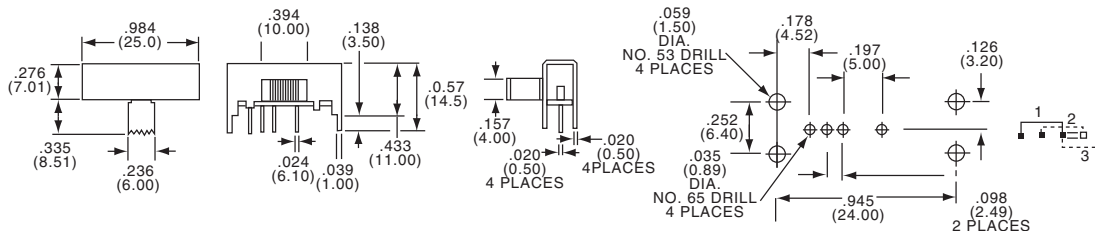
SP3T



MSS1300



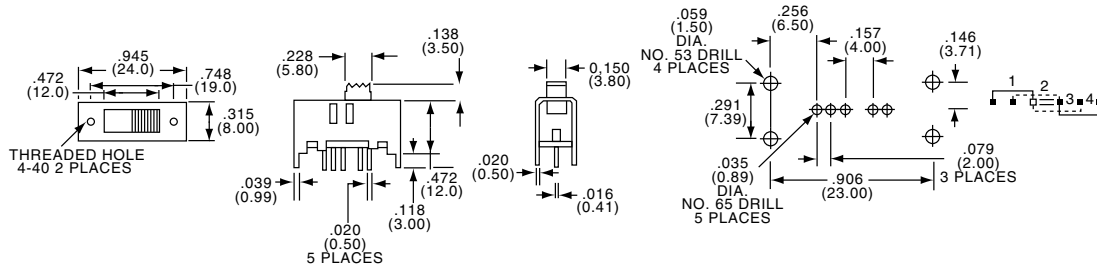
MSS1300R



Tyco Electronics	Alcoswitch	Plating	Tyco Electronics	Alcoswitch	Plating	Total Actuator Travel
5-1437576-4	MSS1300	Silver	5-1437576-6	MSS1300R	Silver	.098(2.50)
5-1437576-5	MSS1300G	Gold	5-1437576-7	MSS1300RG	Gold	.098(2.50)

Slide Switches, Instrumentation Grade

SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

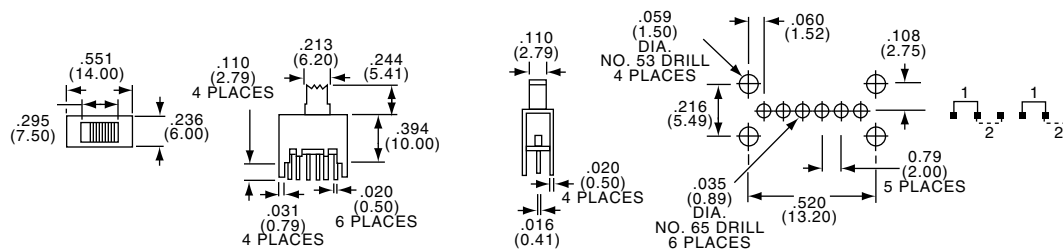


SP4T



MSS1400

Tyco Electronics	Alcoswitch	Plating
5-1437576-8	MSS1400	Silver
1571423-1	MSS1400G	Gold

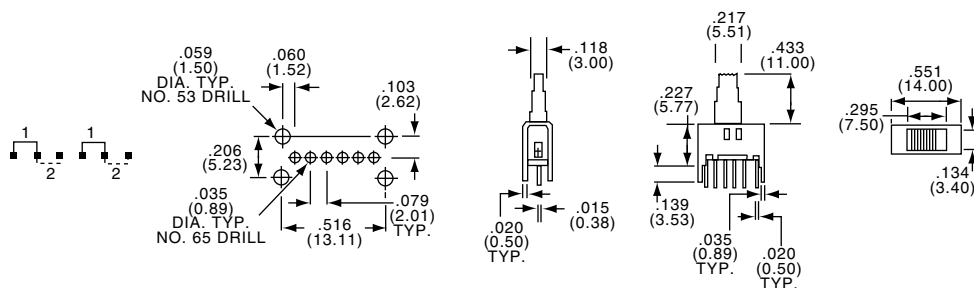


DPDT



MSS2225

Tyco Electronics	Alcoswitch	Plating
6-1437576-3	MSS2225	Silver
6-1437576-4	MSS2225G	Gold



DPDT



MSS2250

Tyco Electronics	Alcoswitch	Plating
6-1437576-5	MSS2250	Silver
6-1437576-6	MSS2250G	Gold

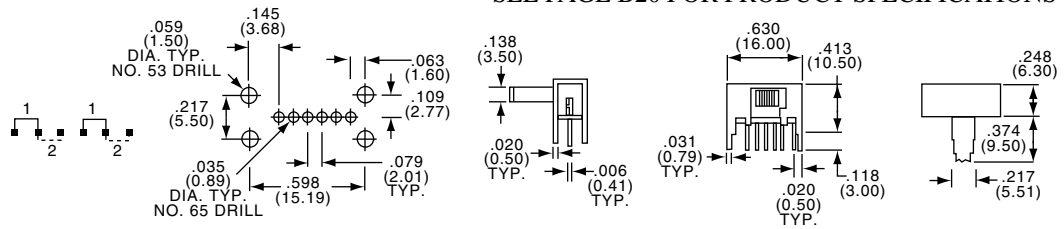
Slide Switches, Instrumentation Grade

SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

DPDT



MSS2250R

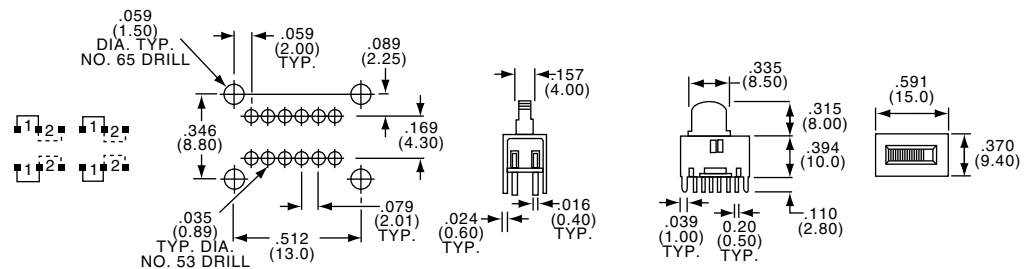


Tyco Electronics	Alcoswitch	Plating
6-1437576-7	MSS2250R	Silver
6-1437576-8	MSS2250RG	Gold

4PDT



MSS4200

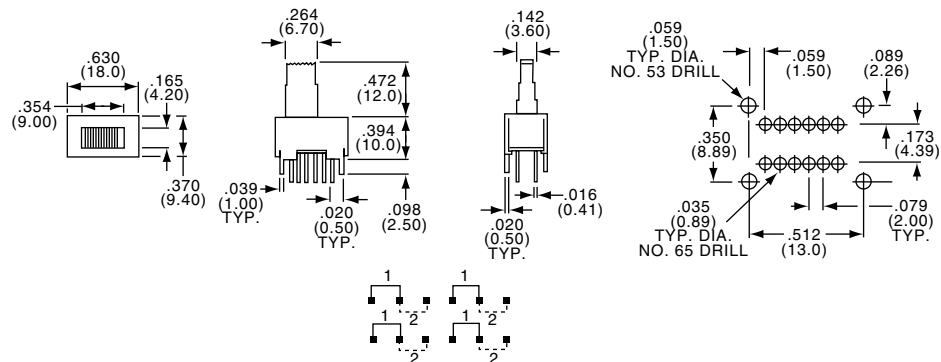


Tyco Electronics	Alcoswitch	Plating
6-1437576-9	MSS4200	Silver
7-1437576-0	MSS4200G	Gold

4PDT



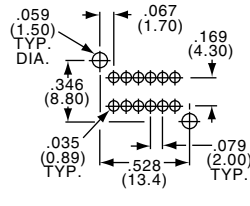
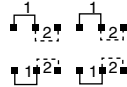
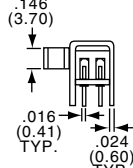
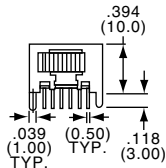
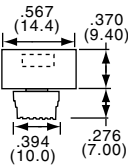
MSS4250



Tyco Electronics	Alcoswitch	Plating
7-1437576-4	MSS4250	Silver

Slide Switches, Instrumentation Grade

SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

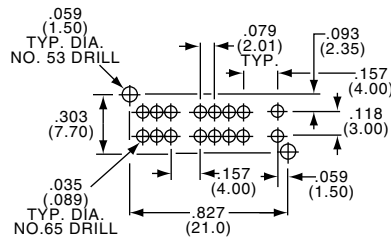
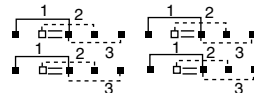
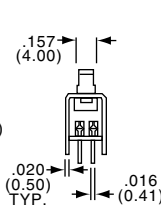
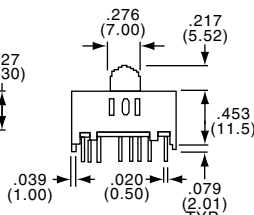
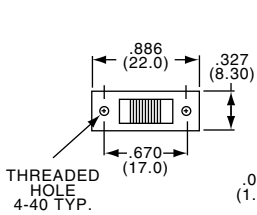


4PDT



MSS4200R

Tyco Electronics	Alcoswitch	Plating
7-1437576-2	MSS4200R	Silver
7-1437576-3	MSS4200RG	Gold

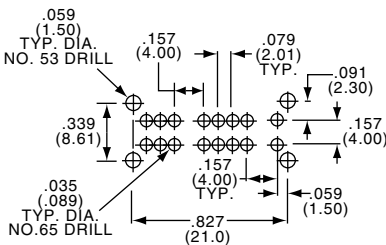
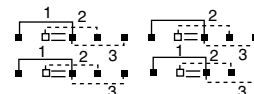
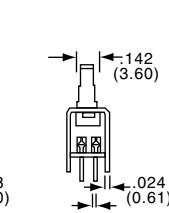
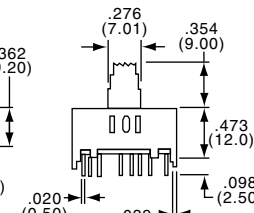
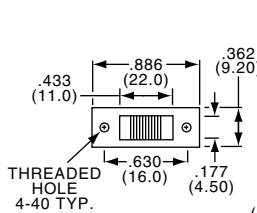


4P3T



MSS4300

Tyco Electronics	Alcoswitch	Plating
7-1437576-5	MSS4300	Silver
7-1437576-6	MSS4300G	Gold



4P3T



MSS4335

Tyco Electronics	Alcoswitch	Plating
7-1437576-9	MSS4335	Silver