



**THE DATASHEET OF
MSS-4300G**



B
TSS Series

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

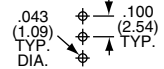
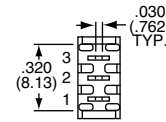
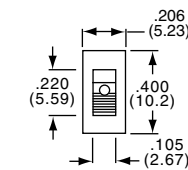
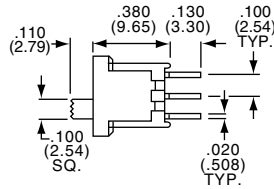
TYPICAL PERFORMANCE CHARACTERISTICS:

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

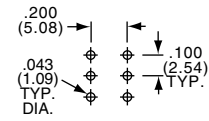
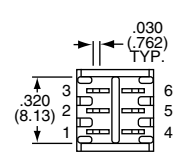
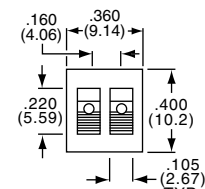
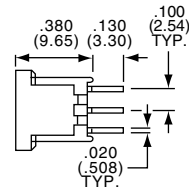
ENVIRONMENTAL SPECIFICATIONS:

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

SPST/SPDT



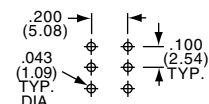
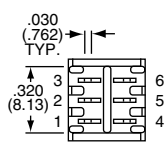
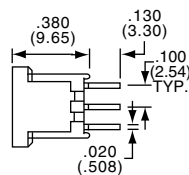
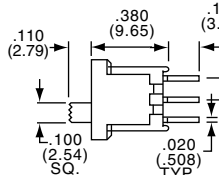
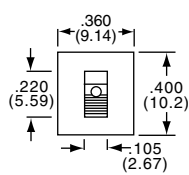
SPST/SPDT (DUAL)



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						
—	TSS11AG1PC	SPST	A	On	None	Off	—	TSD21DDG1PC	2 x SPDT	D	On	None	On
1437579-8	TSS11DG1PC	SPDT	D	On	None	On							
1-1437579-2	TSS11EG1PC	SPDT	E	On	Off	On							

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

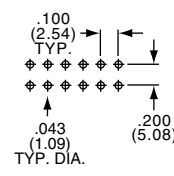
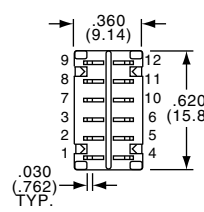
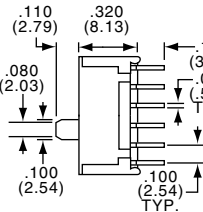
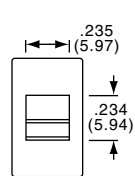
DPST/DPDT



Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off	Flush Actuator Tyco Electronics	Alcoswitch	Act. Code Type	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

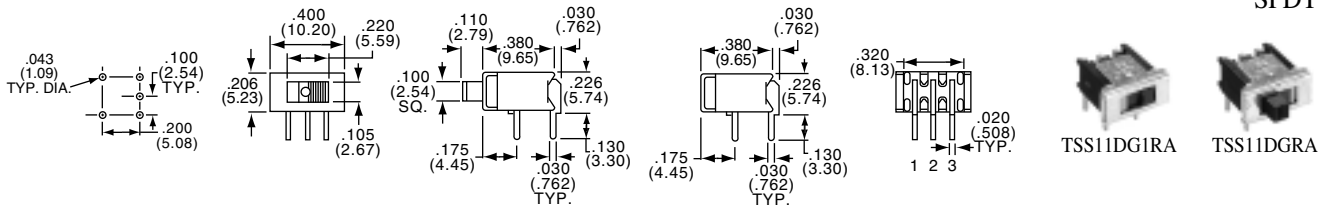


Extended Actuator Tyco Electronics	Alcoswitch	Type	Act. Code P. M6	On	None	Off
2-1437579-5	TSS41NGPC	4PDT	N	On	None	On

Slide Switches, Right Angle, Single or Dual Actuator

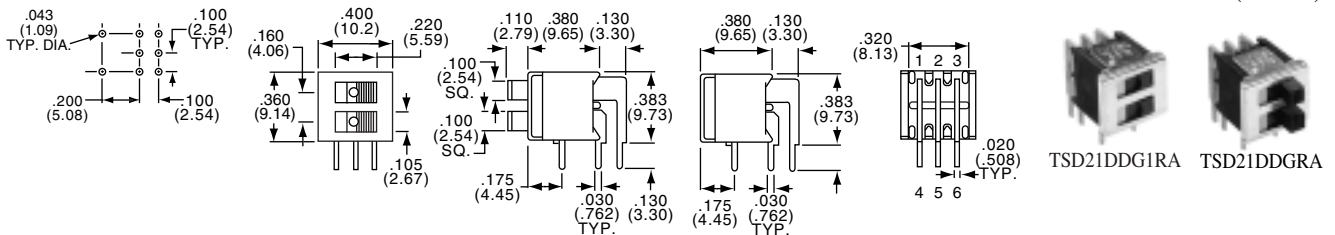
SEE PAGE B18 FOR PRODUCT SPECIFICATIONS

SPDT



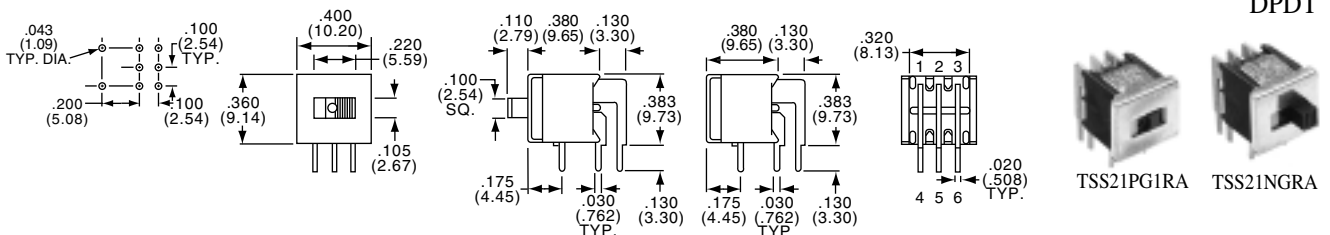
Extended Actuator			Act. Code			Flush Actuator			Act. Code			
Tyco Electronics	Alcoswitch	Type	P. M6	On	None	Tyco Electronics	Alcoswitch	Type	P. M6	On	None	On
1-1437579-1	TSS11DGRA	SPDT	D	On	None	1437579-9	TSS11DG1RA	SPDT	D	On	None	On
1-1437579-5	TSS11EGRA	SPDT	E	On	Off	1-1437579-3	TSS11EG1RA	SPDT	E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

SPDT (DUAL)



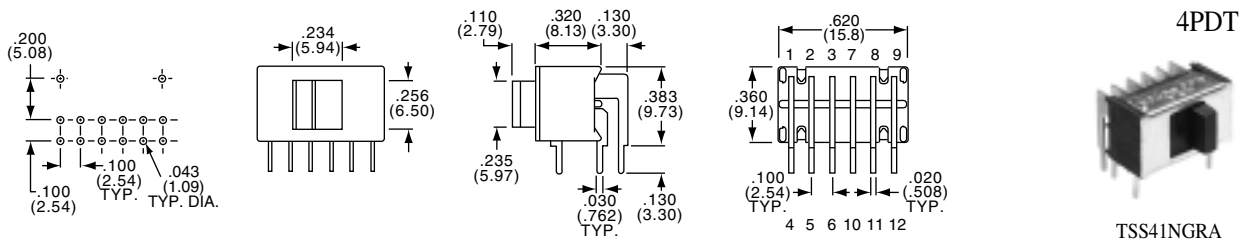
Extended Actuator			Act. Code			Flush Actuator			Act. Code			
Tyco Electronics	Alcoswitch	Type	P. M6	On	None	Tyco Electronics	Alcoswitch	Type	P. M6	On	None	On
1437579-6	TSD21DDGRA	2 x SPDT	D	On	None	1437579-4	TSD21DDG1RA	2 x SPDT	D	On	None	On
1437579-7	TSD21EEGRA	2 x SPDT	E	On	Off	—	TSD21EEG1RA	2 x SPDT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

DPDT



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

4PDT



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

Slide Switches, Instrumentation Grade

MATERIAL SPECIFICATIONS:

ContactsGold or silver over nickel/copper alloy
 Frame MaterialTin plated steel
 Terminals/Fixed Contacts.....Gold or silver over nickel/over copper alloy
 Terminal SealEpoxy
 Actuator MaterialPOM-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:

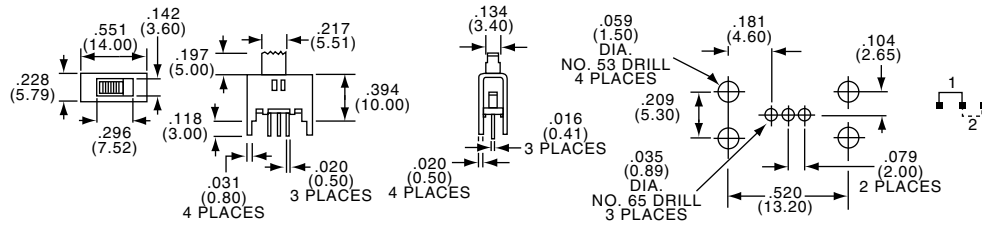
Contact RatingGold: 0.4 VA 20 VDC or peak AC
 Silver: 300 mA @ 125 VAC
 Initial Contact Resistance20 Milliohms max.
 Contact TimingMake before break
 Insulation Resistance1,000 Megohms min.
 Dielectric Strength500 VAC
 Actuation Force100 to 600 Grams
 Life ExpectancyUp to 15,000 Cycles
 Travel0.079" (2.01) (unless otherwise specified)

B
MSS Series

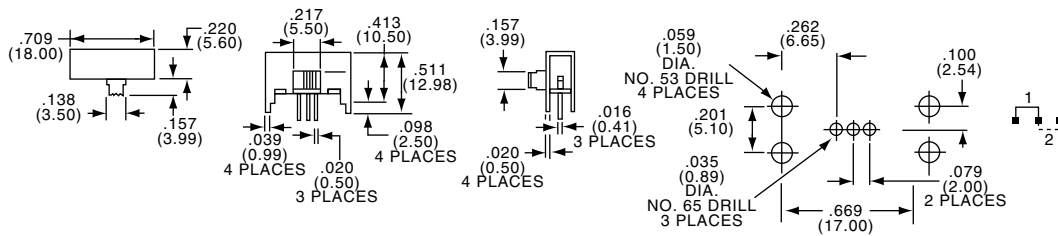
SPDT



MSS1200



MSS1200R

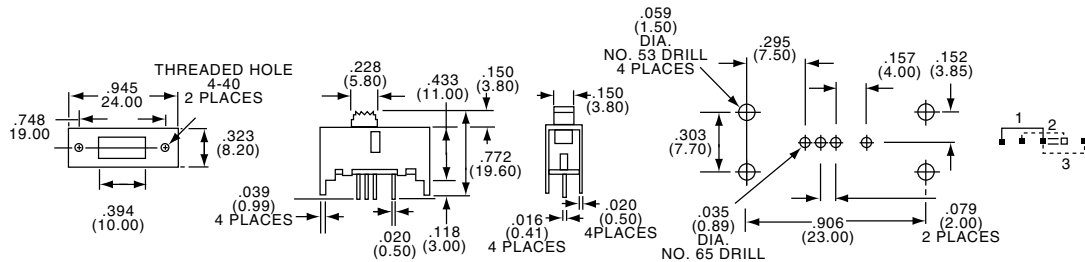


Tyco Electronics	Alcoswitch	Plating	Tyco Electronics	Alcoswitch	Plating
5-1437576-0	MSS1200	Silver	5-1437576-2	MSS1200R	Silver
5-1437576-1	MSS1200G	Gold	5-1437576-3	MSS1200RG	Gold

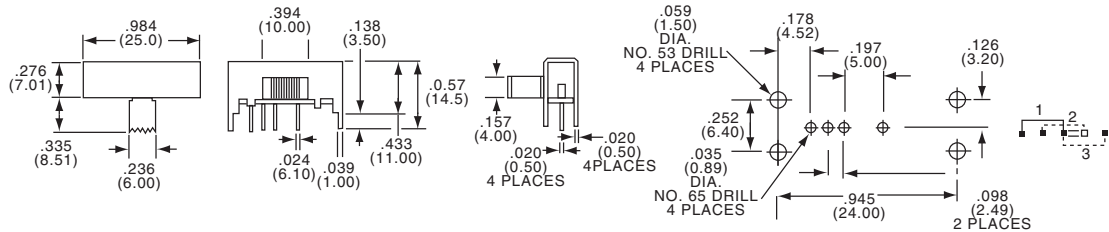
SP3T



MSS1300



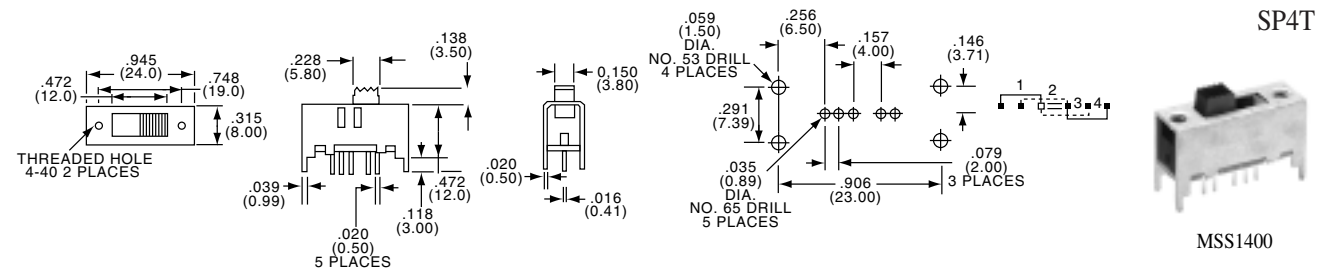
MSS1300R



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

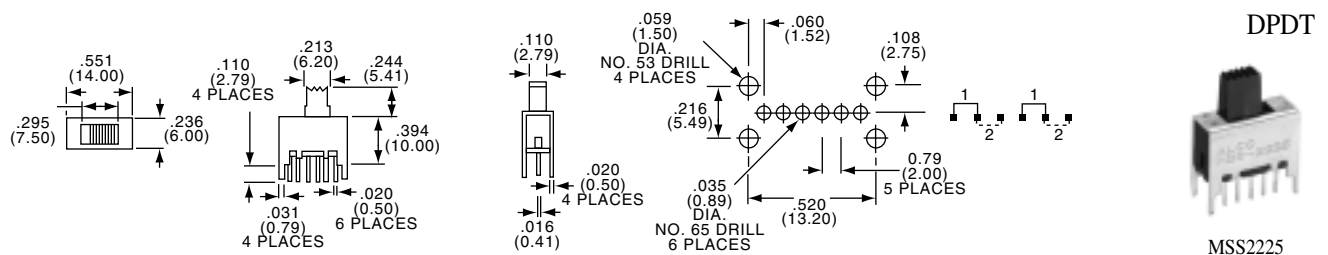
SEE PAGE B20 FOR PRODUCT SPECIFICATIONS



SP4T

MSS1400

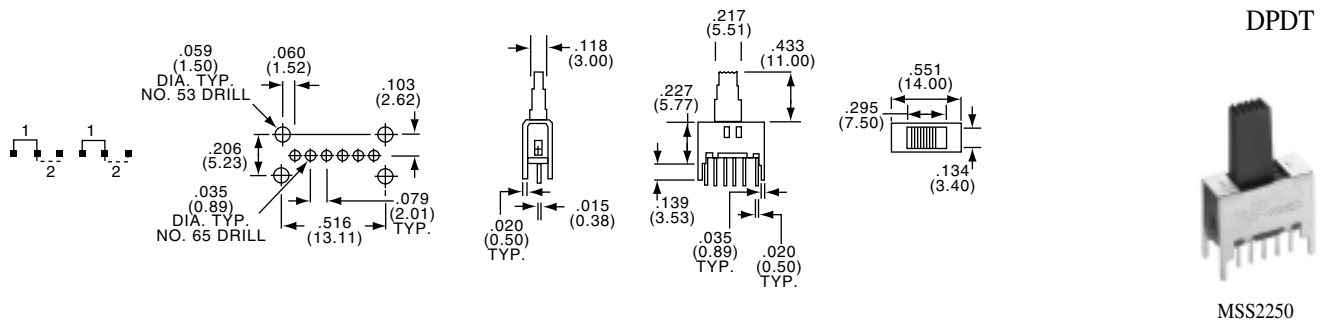
Tyco Electronics	Alcoswitch	Plating
5-1437576-8	MSS1400	Silver
1571423-1	MSS1400G	Gold



DPDT

MSS2225

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



DPDT

MSS2250

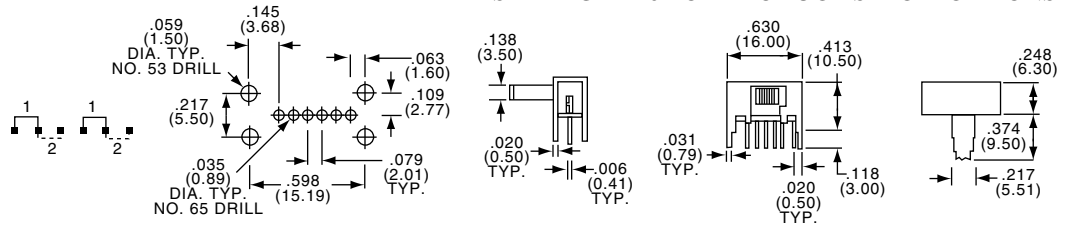
Tyco Electronics	Alcoswitch	Plating
6-1437576-5	MSS2250	Silver
6-1437576-6	MSS2250G	Gold

Slide Switches, Instrumentation Grade

DPDT



MSS2250R



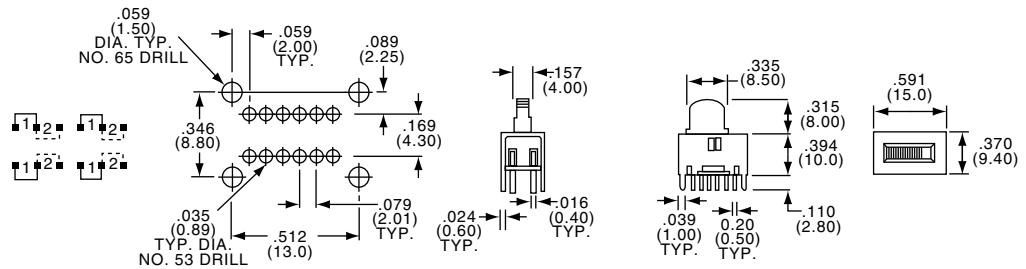
SEE PAGE B20 FOR PRODUCT SPECIFICATIONS

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

4PDT



MSS4200

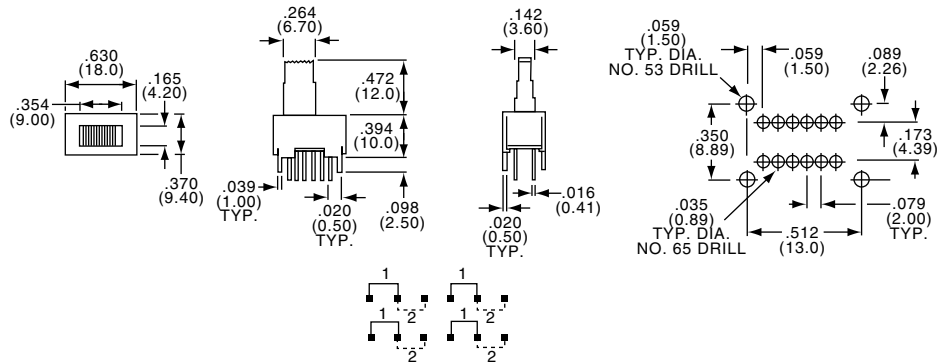


Tyco Electronics	Alcoswitch	Plating
6-1437576-9	MSS4200	Silver
7-1437576-0	MSS4200G	Gold

4PDT



MSS4250

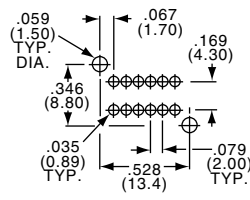
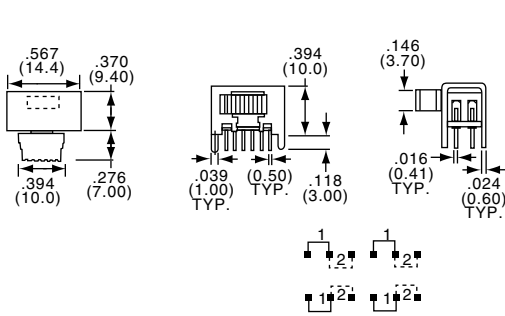


Tyco Electronics	Alcoswitch	Plating
7-1437576-4	MSS4250	Silver

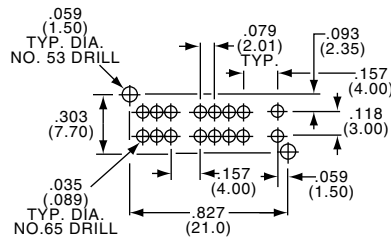
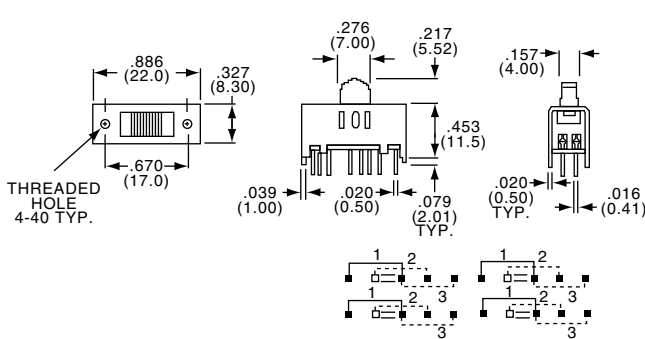
B
MSS Series

Slide Switches, Instrumentation Grade

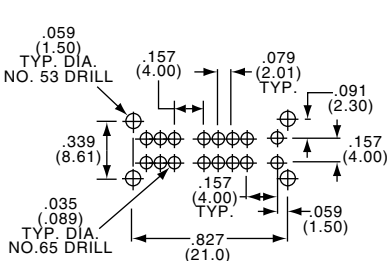
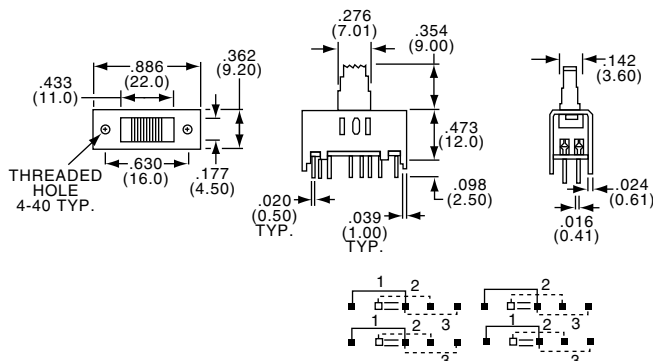
SEE PAGE B20 FOR PRODUCT SPECIFICATIONS



Tyco Electronics	Alcoswitch	Plating
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7-1437576-3	MSS4200RG	Gold



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



Tyco Electronics	Alcoswitch	Plating
7-1437576-9	MSS4335	Silver

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 [TE Connectivity](#) Information

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