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# Economy Grade Miniature Slide Switch/Low Profile **STS Series**

## MATERIAL SPECIFICATIONS:

Contacts.....Silver clad copper alloy  
 Case Material .....Steel zinc plated  
 Actuator Material.....Polyester (UL 94HB)  
 Terminal Seal.....Epoxy  
 Terminals/Fixed Contacts.....Silver plate copper alloy

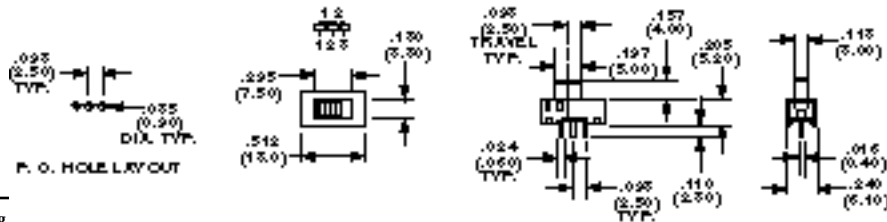
## ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature..... -5°F to 140°F (-15°C to +60°C)  
 Storage Temperature.....-4°F to +158°F (-20°C to +70°C)  
 Solder Heat Resistance .....MIL-STD-202, Method 210

## TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....300 mA @ 125 VAC  
 Initial Contact Resistance.....20 Milliohms max.  
 Contact Timing .....Make-before-break  
 Insulation Resistance .....100 Megohms min. @ 500 VDC  
 Dielectric Strength .....500 VAC  
 Actuation Force.....250 Grams, +150 Grams, -100 Grams  
 Actuator Travel .....0.098"  
 Life Expectancy .....10,000 Cycles

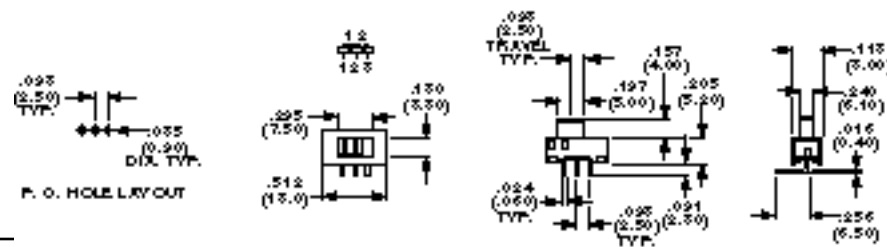
**NOTICE: Bifurcated contact produces double wiping, self-cleaning contacts.**



Model	Plating	Slide Type
STS121PC	Silver	Upright



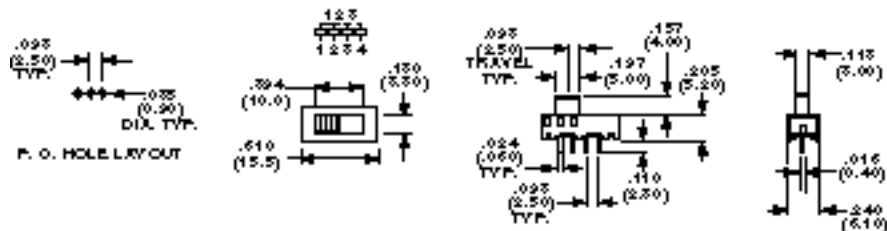
STS121PC



Model	Plating	Slide Type
STS121RA	Silver	Right Angle



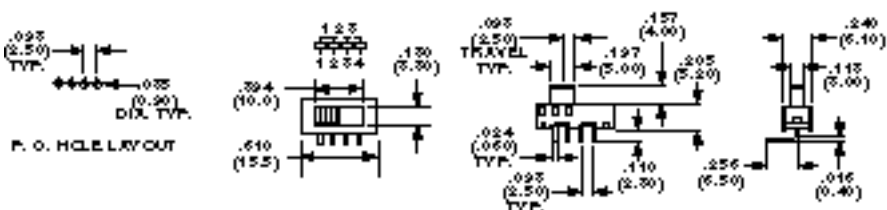
STS121RA



Model	Plating	Slide Type
STS131PC	Silver	Upright



STS131PC



Model	Plating	Slide Type
STS131RA	Silver	Right Angle



STS131RA

Need more technical information?  
 Consult your local Augat sales office

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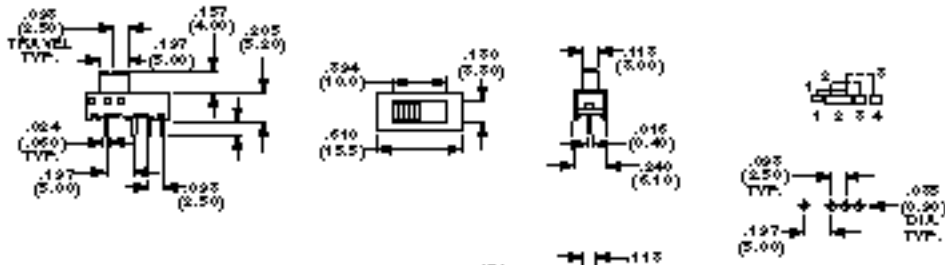
# STS Series *Economy Grade Miniature Slide Switch*

SEE PAGE B11 FOR PRODUCT SPECIFICATIONS

## SP3T



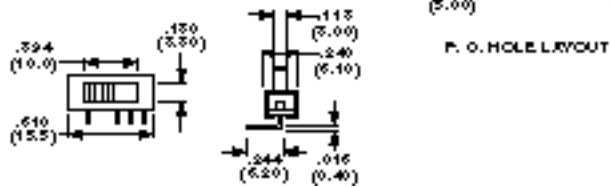
STS1300PC



## SP3T



STS1300RA



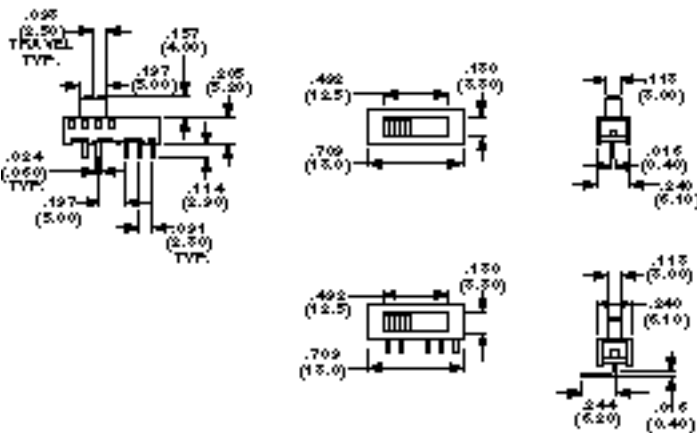
P. O. HOLE LAYOUT

Model	Plating	Slide Type
STS1300PC	Silver	Upright
STS1300RA	Silver	Right Angle

## SP4T



STS1400PC



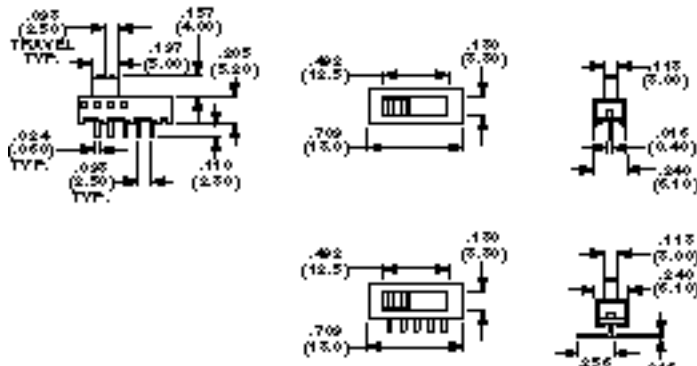
P. O. HOLE LAYOUT

Model	Plating	Slide Type
STS1400PC	Silver	Upright
STS1400RA	Silver	Right Angle

## SP4T



STS141RA



P. O. HOLE LAYOUT

Model	Plating	Slide Type
STS141PC	Silver	Upright
STS141RA	Silver	Right Angle



# Low Profile/Miniature Slide/Multi-Position STS Series

SEE PAGE B11 FOR PRODUCT SPECIFICATIONS

**P.O. HOLE LAYOUT**

Dimensions: .095 (2.50) TYP., .085 (0.90) DIA. TYP., .130 (3.30), .591 (15.0), .307 (20.5), .113 (3.00), .016 (0.40), .240 (6.10), .024 (0.60) TYP., .157 (4.00), .197 (5.00), .205 (5.20), .110 (2.80), .095 (2.50) TYP., .256 (6.50).

**SP5T**

STS151PC

STS151RA

Model	Plating	Slide Type
STS151PC	Silver	Upright
STS151RA	Silver	Right Angle

**P.O. HOLE LAYOUT**

Dimensions: .095 (2.50) TYP., .085 (0.90) DIA. TYP., .130 (3.30), .591 (15.0), .307 (20.5), .113 (3.00), .016 (0.40), .240 (6.10), .024 (0.60) TYP., .157 (4.00), .197 (5.00), .205 (5.20), .110 (2.80), .095 (2.50) TYP., .256 (6.50).

**SP6T**

STS161PC

STS161RA

Model	Plating	Slide Type
STS161PC	Silver	Upright
STS161RA	Silver	Right Angle

**P.O. HOLE LAYOUT**

Dimensions: .095 (2.50), .095 (2.50) TYP., .197 (5.00), .085 (0.90) DIA. TYP., .394 (10.0), .130 (3.30), .010 (15.5), .113 (3.00), .016 (0.40), .244 (6.20), .024 (0.60) TYP., .197 (5.00), .157 (4.00), .205 (5.20), .095 (2.50) TYP., .114 (2.90), .095 (2.50) TYP., .462 (12.5), .709 (18.0), .095 (2.50) TYP., .113 (3.00), .016 (0.40), .244 (6.20), .024 (0.60) TYP., .197 (5.00), .157 (4.00), .205 (5.20), .114 (2.90), .095 (2.50) TYP.

**DP3T**

STS2300PC

**DP4T**

STS2400PC

Model	Plating	Slide Type
STS2300PC	Silver	Upright
STS2400PC	Silver	Upright

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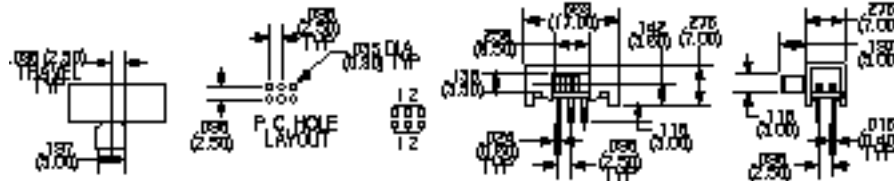
# STS Series *Economy Grade Miniature Slide Switch*

SEE PAGE B11 FOR PRODUCT SPECIFICATIONS NOTICE: STS 2300 and 2400 are available with slotted actuators upon request.

DPDT



STSA220RA

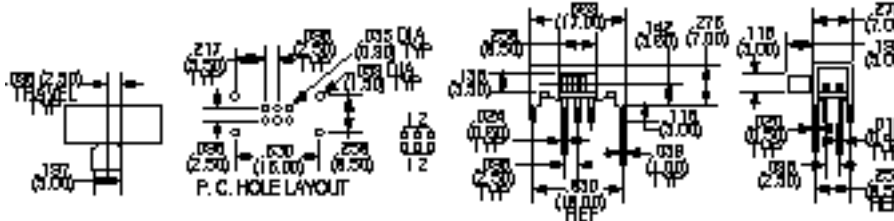


Model	Plating	Slide Type
STSA220RA	Silver	Right Angle

DPDT



STSA220RA1

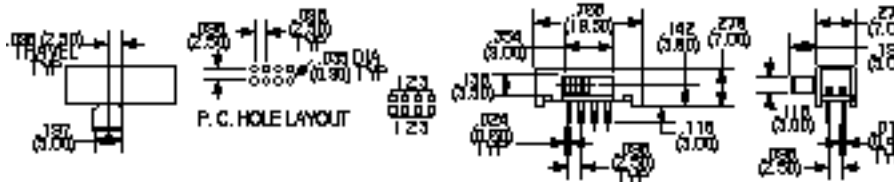


Model	Plating	Slide Type
STSA220RA1	Silver	Right Angle

DP3T



STSA230RA

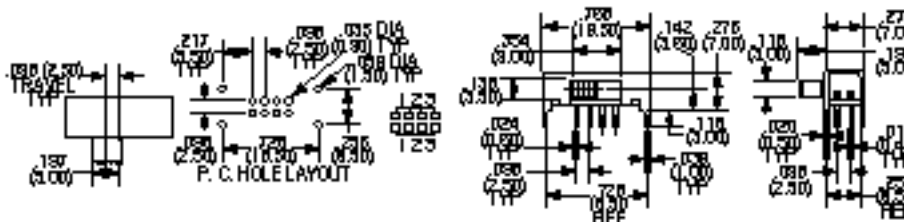


Model	Plating	Slide Type
STSA230RA	Silver	Right Angle

DP3T



STSA230RA1

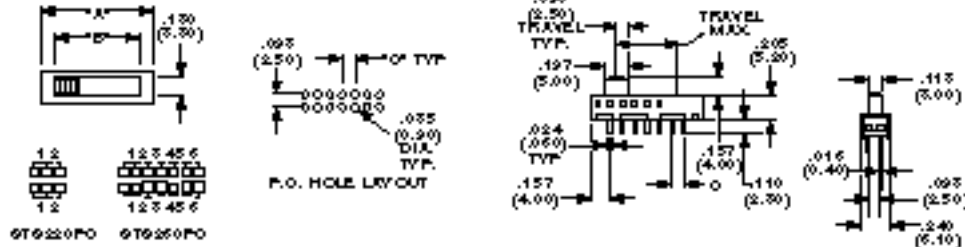


Model	Plating	Slide Type
STSA230RA1	Silver	Right Angle

DP6T/DP5T/DP4T/  
DP3T/DP2T



STS220PC



Model	Type	Dim.A	Dim.B	Dim.C	Travel Max.	Pin Holes	Model	Type	Dim.A	Dim.B	Dim.C	Travel Max.	Pin Holes
STS220PC	DP2T	.512(13.0)	.295(7.50)	.098(2.50)	.098(2.50)	6	STS250PC	DP5T	.807(20.5)	.591(15.0)	5 Places	.394(10.0)	12
STS230PC	DP3T	.610(15.5)	.394(10.0)	3 Places	.197(5.00)	8	STS260PC	DP6T	.906(23.0)	.689(17.5)	6 Places	.492(12.5)	14
STS240PC	DP4T	.709(18.0)	.492(12.5)	4 Places	.295(7.50)	10							