My Cart | My Part Lists | Sign In/Register   English (Change)

Have a Question?
Chat with a Product
Information Specialist   What can we help you find?

TE connectivity

Products   Industries   Resources   About TE   My Account   Innovation   Support Center

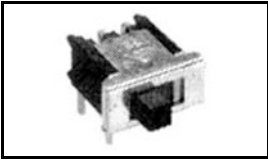# 1571984-1 Product Details   Share   Print   Email

1571984-1
(TSS11DGRA04)
TE Internal Number: 1571984-1

✔ Active

📄 View 3D PDF

Slide Switches

🍃 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:

- 2 Positions
- Single Pole - Double Throw Configuration (Pole-Throw)
- Actuator Style = Extended, Side
- Actuator Color = Black
- TSS Series

View all Features

Quick Links
- ▷ Pricing & Availability
- ▷ Search for Tooling
- ▷ Product Feature Selector
- ▷ Contact Us About This Product

Add to My Part List   Request Sample   Find Similar Products

Buy Product

Documentation & Additional Information

Product Drawings:
- SLIDE SWITCH RA (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version A1)
- 3D Model (IGES, Version A1)
- 3D Model (STEP, Version A1)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Actuator Style = Extended, Side
- Series = TSS
- Mount Angle = Right Angle
- Terminal Configuration = Standard
- Termination Type = PC

Electrical Characteristics:
- Contact Rating = 0.4 VA max @ 20 VDC or peak AC

Dimensions:
- PCB Tail Length (mm [in]) = 3.30 [0.130]

Body Features:
- Actuator Color = Black
- Mount Style = Through-Hole
- Actuator Material = Polyester

Housing Features:
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Number of Positions = 2
- Configuration (Pole-Throw) = Single Pole - Double Throw
- Operating Function = On None On
- Number of Actuators = Single

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Contact Features:
- Contact Plating = Gold
- Contact Base Material = Copper

Identification Marking:
- Stamped Marking = With

Other:
- Brand = TE Connectivity

Corporate Information

About TE

Investors

News Room

Supplier Portal

Careers

Terms & Conditions

Privacy Policy

Quick Links

Distributor Inventory

Product Cross Reference

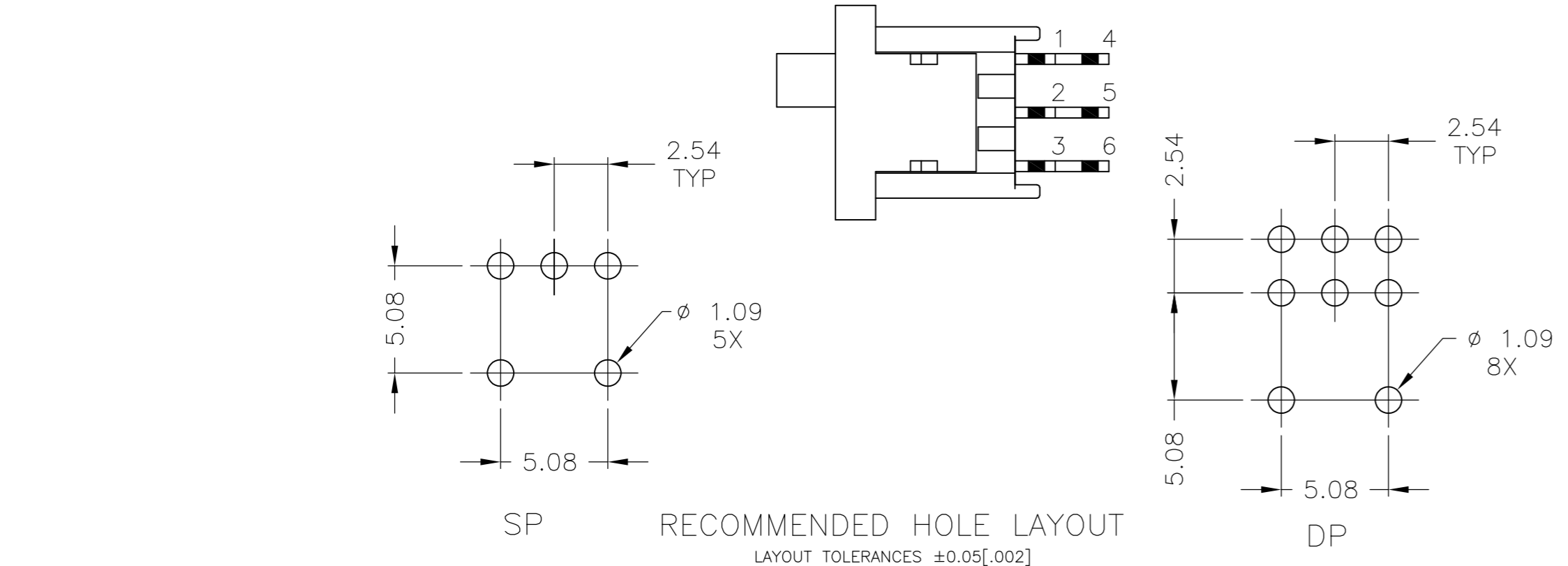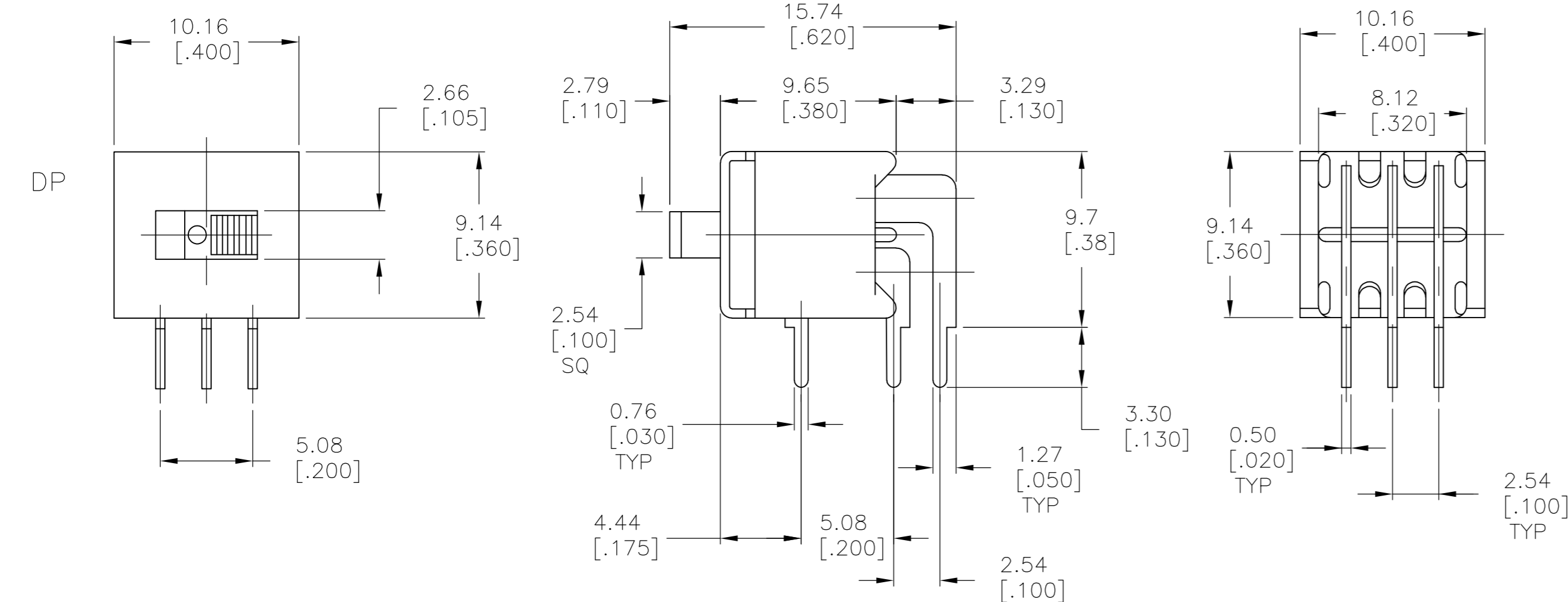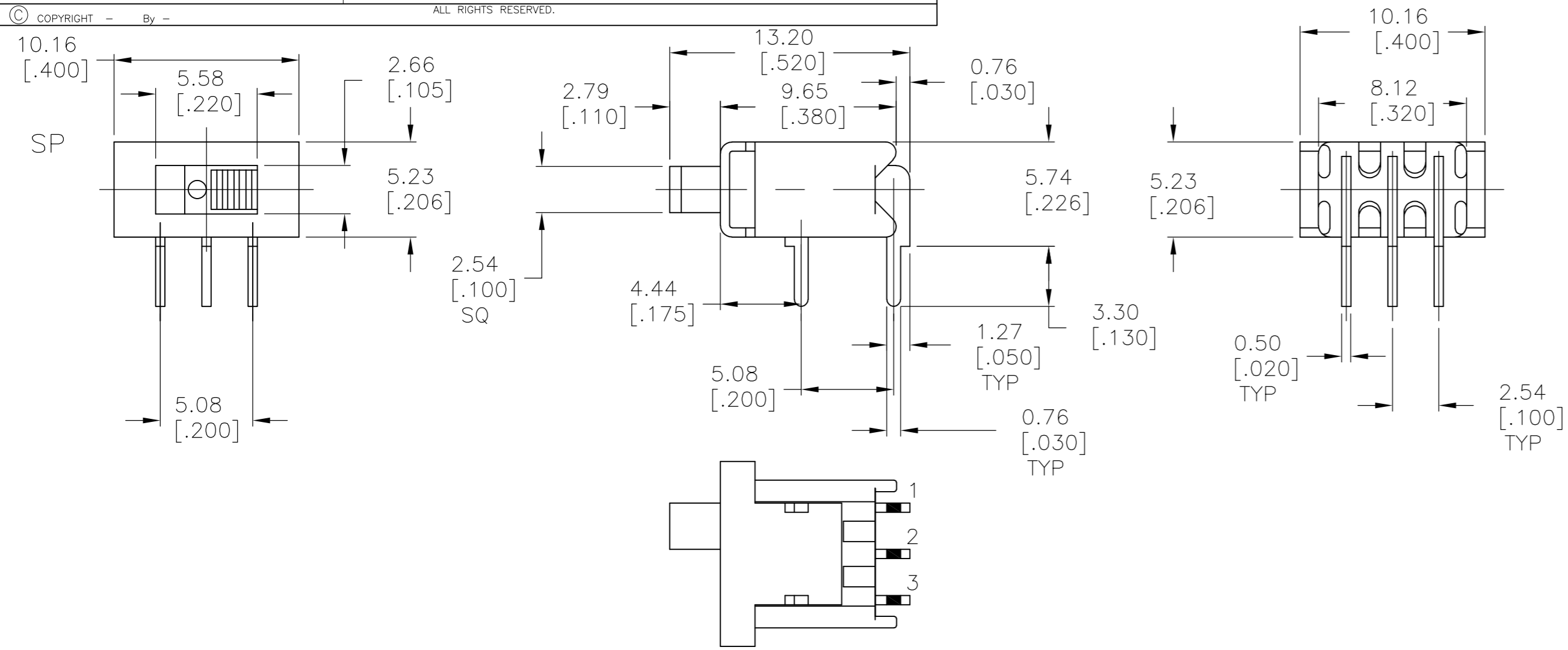Documents & Drawings

Product Compliance Support Center

Site Map

Customer Support

Email or Chat With Us

Find a Phone Number

Knowledge Base

Manage Your Account

Keep Me Informed

THIS DRAWING IS UNPUBLISHED.
RELEASED FOR PUBLICATION
ALL RIGHTS RESERVED.
© COPYRIGHT – By –

LOC	DIST			REVISIONS			
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A2	REVISED PER ECO-11-004820	11MAR11	RK	HMR

SP

10.16 [.400]
5.58 [.220]
2.66 [.105]
5.23 [.206]
2.54 [.100] SQ
5.08 [.200]

13.20 [.520]
9.65 [.380]
2.79 [.110]
0.76 [.030]
5.74 [.226]
4.44 [.175]
5.08 [.200]
1.27 [.050] TYP
3.30 [.130]
0.76 [.030] TYP

10.16 [.400]
8.12 [.320]
5.23 [.206]
0.50 [.020] TYP
2.54 [.100] TYP

1
2
3

DP

10.16 [.400]
2.66 [.105]
9.14 [.360]
5.08 [.200]

15.74 [.620]
9.65 [.380]
2.79 [.110]
3.29 [.130]
2.54 [.100] SQ
0.76 [.030] TYP
9.7 [.38]
4.44 [.175]
5.08 [.200]
1.27 [.050] TYP
3.30 [.130]
2.54 [.100]

10.16 [.400]
8.12 [.320]
9.14 [.360]
0.50 [.020] TYP
2.54 [.100] TYP

1 4
2 5
3 6

SPECIFICATIONS:

MATERIALS:
CASE-HIGH TEMPERATURE POLYESTER, BLACK
ACTUATOR-POLYESTER, UL94V-0, BLACK
FRAME- STEEL, TIN PLATE
MOVING CONTACT-COPPER ALLOY, GOLD OVER NICKEL PLATE
FIXED CONTACT-COPPER ALLOY, GOLD OVER NICKEL PLATE
TERMINAL-COPPER ALLOY, TIN OVER NICKEL PLATE

ELECTRICAL:
CURRENT RATING: 0.4 VA MAX. 20 V MAX. (AC/DC).
INITIAL CONTACT RESISTANCE: 40 MILLIOHMS MAX.
@ 100 M.V. AND 1 M.A. VOLTAGE WITHSTAND: 1000 VAC BETWEEN
TERMINALS AND CASE GROUND FOR 1 MINUTE.
LIFE: 60,000 – 80,000 CYCLES.

MECHANICAL:
ACTUATION FORCE: 150-600 GRAMS

ENVIRONMENTAL:
OPERATING TEMPERATURE: –4°F TO + 176°F (–20°C TO +80°C)
STORAGE TEMPERATURE: –4°F TO + 176°F (–20°C TO +80°C)
SOLDER HEAT RESISTANCE PER EIA-364-56A, PROCEDURE 3, COND. B
SOLDERABILITY PER EID 364-52, CLASS 2 CATEGORY 1

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE
2002/95/EC OF 27JAN2003 (ROHS).

1571984

P/N	Alco P/N	Actuator Flush/ Extended	Position	Type	1 2 3 / 4 5 6	1 2 3 / 4 5 6	1 2 3 / 4 5 6
1571984-1	TSS11DGRA04	Extended	2	SPDT	1,2	None	2,3
1571984-2	TSS11EGRA04	Extended	3	SPDT	1,2	Off	2,3
1571984-3	TSS21NGRA04	Extended	2	DPDT	1-2, 4-5	None	2-3, 5-6
1571984-4	TSS21PGRA04	Extended	3	DPDT	1-2, 4-5	Off	2-3, 5-6

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	M.BINNER	28FEB06
CHK	–	
APVD	M SARVER	–

DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.25[.010]
3 PLC ± –
4 PLC ± –
ANGLES ± –

PRODUCT SPEC –
APPLICATION SPEC –
MATERIAL SEE SPECIFICATION
FINISH –
WEIGHT –

≡TE TE Connectivity

NAME
SLIDE SWITCH
RA
–

SIZE A2 | CAGE CODE 00779 | DRAWING NO C-1571984 | RESTRICTED TO –

CUSTOMER DRAWING

SCALE 4:1 | SHEET 1 OF 1 | REV A2

2.54 TYP
5.08
5.08
Ø 1.09 5X

2.54 TYP
2.54
5.08
5.08
Ø 1.09 8X

SP   RECOMMENDED HOLE LAYOUT   DP
LAYOUT TOLERANCES ±0.05[.002]

1471-9 (3/11)