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LOC	DIST
AD	00

REVISIONS

LTR	DESCRIPTION	DATE	DWN	APVD
J	REV PER DO3C-0052-05	24MAY05	RB	MS

AS* – 43****	1.100	.360	.900	.230
AS* – 62****	1.000	.260	.800	.230
AS* – 42****	.700	.260	.500	.230
AS* – 22****	.400	.260	.200	.105
AS* – 12****	.400	.260	.200	.105
SWITCH NO.	DIM A	DIM B	DIM C	DIM D

* = OPTIONS (SEE CHART)

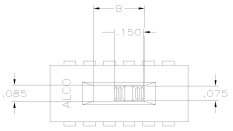
SERIES / ACTUATOR STYLE / POLES / THROWS / OPTIONS

PART # A S □ □ □ □ □ □ □

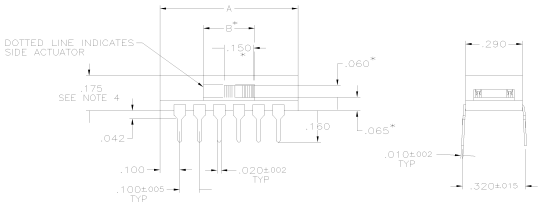
E 1 2 R G B L
F 2 *3 S
4
6

F = EXTENDED ACTUATOR
P = FLUSH ACTUATOR
*3 = THROW AVAILABLE IN 4 POLE ONLY
R = SIDE ACTUATOR
G = GOLD CONTACTS
B = BLACK ACTUATOR
L = SMT TERMINAL
"L" CONFIGURATION
S = SMT TERMINAL REVERSE "L" CONFIGURATION
TR = TAPE AND REEL PACKAGED

CIRCUIT DIAGRAMS



* SIDE ACTUATOR ONLY.



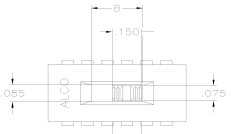
ASF

SPECIFICATIONS:

MATERIAL:
BASE, COVER: RYNITE.
MOVABLE CONTACT: BERYLLIUM COPPER.
FIXED CONTACT/TERMINAL: COPPER ALLOY.
PLATING: GOLD .000030" OVER NICKEL.
SILVER: .000050" OVER NICKEL FLASH.

ELECTRICAL:
CONTACT RATING: SILVER: 300 MILLIAMPS @ 115 VAC.
GOLD: 0.4 VA 20 VDC.
CONTACT RESISTANCE: INITIAL 40 MILLIOHMS MAX.
INSULATION RESISTANCE: 1000 MEGOHMS MAX.
DIELECTRIC STRENGTH: 600 VOLTS RMS AT SEA LEVEL.
LIFE EXPECTANCY: 15,000 CYCLES MIN.

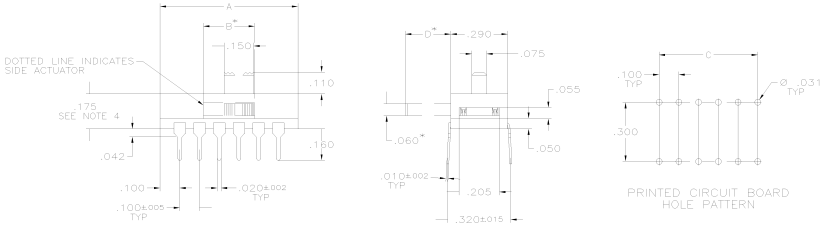
ENVIRONMENTAL:
OPERATING TEMPERATURE: -40°F TO +176°F (-40°C TO +80°C).
HIGH TEMPERATURE RESISTANCE: WILL WITHSTAND VAPOR PHASE REFLOW AND WAVE SOLDERING PROCESSES.
PROCESS CLEANING: WILL WITHSTAND AQUEOUS OR SOLVENT CLEANING PROCESSES.



* SIDE ACTUATOR ONLY.

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL SWITCHES HAVE OPEN ENDS EXCEPT TOP FLUSH ACTUATOR, WHICH COMES STANDARD WITH TAPE SEAL.
2. TAPE AND REEL PER EIA 481 OR 22" ANTI-STATIC TUBES
3. SAME AS ASF22LTR WITHOUT TAPE SEAL
4. SOLDERABILITY PER EIA 364-52 CLASS 2 CATEGORY 1



ASE

PRINTED CIRCUIT BOARD HOLE PATTERN

Upright, Through Hole, Extended Actuator

Tyco P/N	T&B Model	Function
1437581-2	ASE22	DPDT
1437581-4	ASE22G	DPDT
1-1437581-4	ASE42	4PDT
1-1437581-6	ASE42G	4PDT
2-1437581-5	ASE43	4P3T
2-1437581-6	ASE43G	4P3T
3-1437581-1	ASE62	6PDT
3-1437581-3	ASE62G	6PDT

Right Angle, Through Hole, Extended Actuator

Tyco P/N	T&B Model	Function
1437581-8	ASE22R	DPDT
1437581-9	ASE22RG	DPDT
1-1437581-9	ASE42R	4PDT
2-1437581-0	ASE42RG	4PDT
2-1437581-9	ASE43R	4P3T
3-1437581-0	ASE43RG	4P3T
3-1437581-6	ASE62R	6PDT
3-1437581-7	ASE62RG	6PDT

Upright, Surface Mount "L" Type, Extended Actuator

Tyco P/N	T&B Model	Function
1437581-5	ASE22GL	DPDT
1437581-7	ASE22L	DPDT
1-1437581-7	ASE42GL	4PDT
1-1437581-8	ASE42L	4PDT
2-1437581-7	ASE43GL	4P3T
2-1437581-8	ASE43L	4P3T
3-1437581-4	ASE62GL	6PDT
3-1437581-5	ASE62L	6PDT

Upright, Surface Mount "S" Type, Extended Actuator

Tyco P/N	T&B Model	Function
1437581-6	ASE22GS	DPDT
1-1437581-3	ASE22S	DPDT
	ASE42GS	4PDT
2-1437581-4	ASE42S	4PDT
	ASE43GS	4P3T
	ASE43S	4P3T
	ASE62GS	6PDT
	ASE62S	6PDT

Right Angle, Surface Mount "L" Type, Extended Actuator

Tyco P/N	T&B Model	Function
	ASE22RGL	DPDT
1-1437581-1	ASE22RL	DPDT
2-1437581-1	ASE42RGL	4PDT
2-1437581-2	ASE42RL	4PDT
	ASE43RGL	4P3T
	ASE43RL	4P3T
3-1437581-8	ASE62RGL	6PDT
3-1437581-9	ASE62RL	6PDT

Right Angle, Surface Mount "S" Type, Extended Actuator

Tyco P/N	T&B Model	Function
1-1437581-0	ASE22RGS	DPDT
1-1437581-2	ASE22RS	DPDT
	ASE42RGS	4PDT
2-1437581-3	ASE42RS	4PDT
	ASE43RGS	4P3T
	ASE43RS	4P3T
	ASE62RGS	6PDT
	ASE62RS	6PDT

Upright, Through Hole, Flush Actuator

Tyco P/N	T&B Model	Function
5-1437581-6	ASF22	DPDT
5-1437581-8	ASF22G	DPDT
6-1437581-8	ASF42	4PDT
7-1437581-0	ASF42G	4PDT
7-1437581-8	ASF43	4P3T
7-1437581-9	ASF43G	4P3T
8-1437581-4	ASF62	6PDT

Right Angle, Through Hole, Flush Actuator

Tyco P/N	T&B Model	Function
6-1437581-2	ASF22R	DPDT
6-1437581-3	ASF22RG	DPDT
7-1437581-3	ASF42R	4PDT
7-1437581-4	ASF42RG	4PDT
	ASF43R	4P3T
8-1437581-2	ASF43RG	4P3T
8-1437581-9	ASF62R	6PDT
9-1437581-1	ASF62RG	6PDT

Upright, Surface Mount "L" Type, Flush Actuator

Tyco P/N	T&B Model	Function
1571007-1	ASF22LTR	DPDT
2-1437582-0	ASF71260 △3	DPDT
5-1437581-9	ASF22GL	DPDT
6-1437581-1	ASF22L	DPDT
1571007-4	ASF22GLTR	DPDT
7-1437581-1	ASF42GL	4PDT
7-1437581-2	ASF42L	4PDT
8-1437581-0	ASF43GL	4P3T
8-1437581-1	ASF43L	4P3T
8-1437581-7	ASF62GL	6PDT
8-1437581-8	ASF62L	6PDT

Upright, Surface Mount "S" Type, Flush Actuator

Tyco P/N	T&B Model	Function
6-1437581-0	ASF22GS	DPDT
6-1437581-7	ASF22S	DPDT
1571007-2	ASF22STR	DPDT
	ASF42GS	4PDT
1571007-3	ASF42STR	4PDT
7-1437581-7	ASF42S	4PDT
	ASF43GS	4P3T
8-1437581-3	ASF43S	4P3T
	ASF62GS	6PDT
9-1437581-4	ASF62S	6PDT

Right Angle, Surface Mount "L" Type, Flush Actuator

Tyco P/N	T&B Model	Function
6-1437581-4	ASF22RGL	DPDT
	ASF22RL	DPDT
7-1437581-5	ASF42RGL	4PDT
7-1437581-6	ASF42RL	4PDT
	ASF43RGL	4P3T
	ASF43RL	4P3T
9-1437581-2	ASF62RGL	6PDT
	ASF62RL	6PDT

Right Angle, Surface Mount "S" Type, Flush Actuator

Tyco P/N	T&B Model	Function
6-1437581-5	ASF22RGS	DPDT
6-1437581-6	ASF22RS	DPDT
	ASF42RGS	4PDT
	ASF42RS	4PDT
	ASF43RGS	4P3T
	ASF43RS	4P3T
9-1437581-3	ASF62RGS	6PDT
	ASF62RS	6PDT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: M BINNER 12JAN04
DES:
APVD:
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT: –
CUSTOMER DRAWING

DIMENSIONS: INCHES
DRAWINGS UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± .xx
3 PLC ± .xxx
ANGLES ± 1°
MATERIAL: –
FINISH: –

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

SLIDE SWITCH ASE/ASF, AUTO-INSERTABLE, THRU-HOLE AND SURFACE MOUNT

SIZE: A1 | CAGE CODE: 00779 | DRAWING NO: C-1437581-2 | RESTRICTED TO: –
SCALE: 3:1 | SHEET: 1 OF 2 | REV: J

AMP 3587-7 REV 31MAR2005

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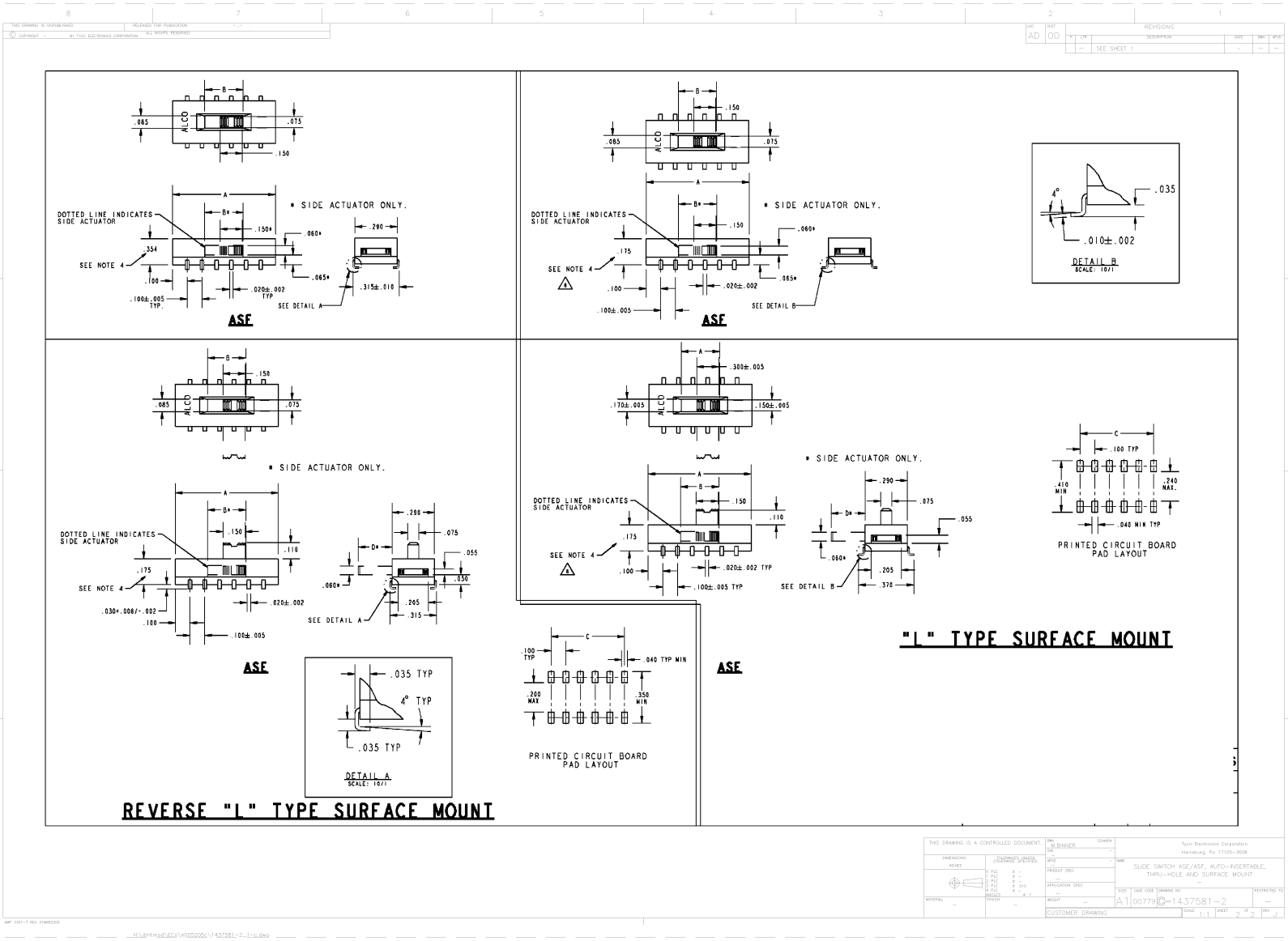

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