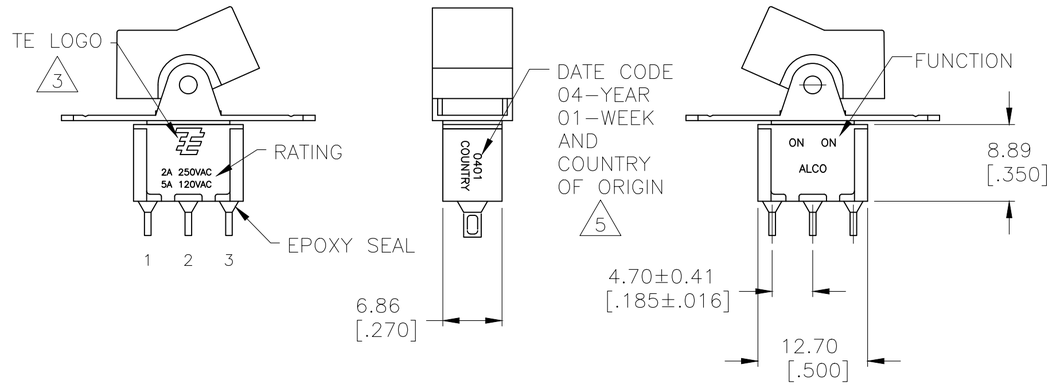
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A12	REVISED PER ECO-17-001761	10MAY2017	RK	AS



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

2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON SWITCH IS 2A 250VAC, 5A 120VAC.

△3 TE CONNECTIVITY LOGO PER PER TEC-202-36.

△5 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.

6 PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.

△7 ACTUATOR MARKED [O –]

△8 ACTUATOR MARKED [– O]

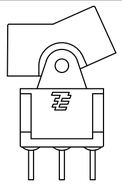
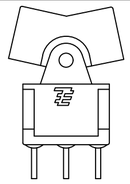
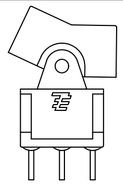
△9 ACTUATOR MARKED [–]

10 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

△11 OBSOLETE

△12 GRAY ACTUATOR WITH MODIFIED BRACKET (SUPPORT BRACKET TRIMMED PARALLEL TO THE PCB)

FUNCTION CHART

FUNCTION	 1 2 3	 1 2 3	 1 2 3
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2–3	---	1–2

NONE: NO MECHANICAL POSITION
OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION
(ON): MOMENTARY ACTION

SPECIFICATIONS

RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS–SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2–4VDC, 100MA
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	–30C TO 85C

PART NUMBER SEQUENCE CHART

MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	BEZEL COLOR	ROHS
A1							04
	01	J1	A	B	0 BLACK (STD)	0 BLACK (STD)	
	03	J3	AV2	G	1 BROWN	1 BROWN	
	05	J50	C	Q	2 RED	2 RED	
	07	J51	V3		3 ORANGE	3 ORANGE	
	08	J52	V4		4 YELLOW	4 YELLOW	
		J2	V6		5 GREEN	5 GREEN	
		J4	V7		6 BLUE	6 BLUE	
		J60	W		8 GRAY	8 GRAY	
		J61	W4		9 WHITE	9 WHITE	
		J62	Z				
			Z3				

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.25[0.01]
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN	M.BINNER	06JAN05
CHK	M.ZITTO	06JAN05
APVD	M.ZITTO	06JAN05
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT		

TE Connectivity

NAME: GEMINI A SERIES ROCKER SWITCH SINGLE POLE

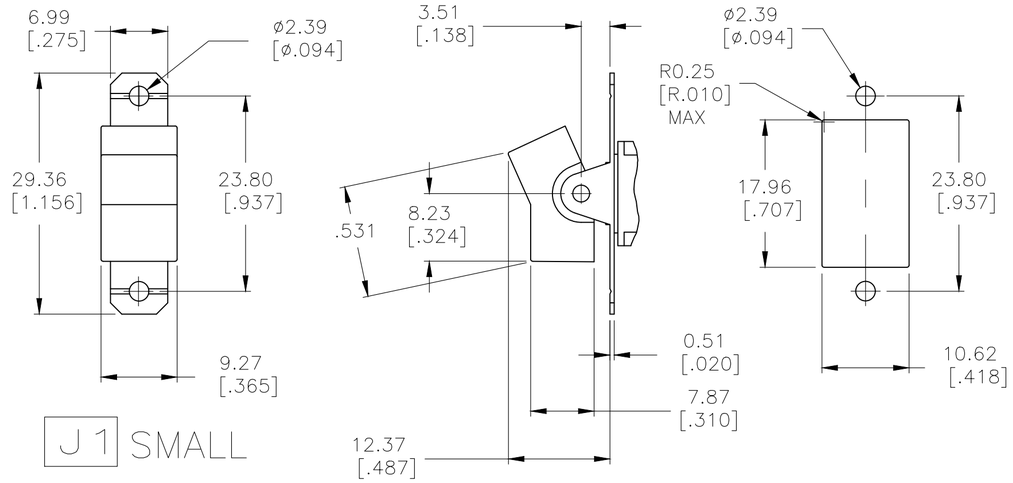
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A2	00779	C-1571986	–

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 5 | REV A12

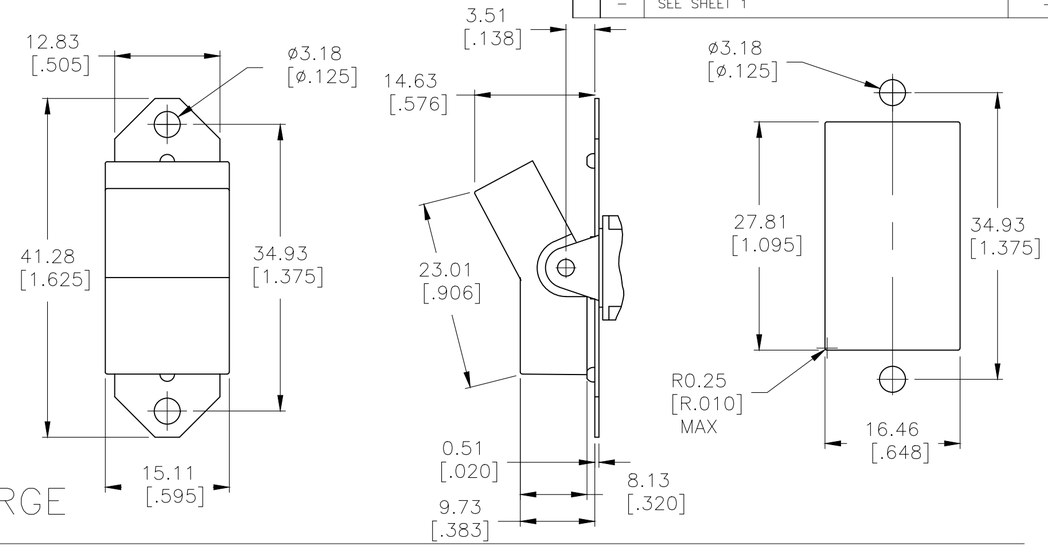
1571986

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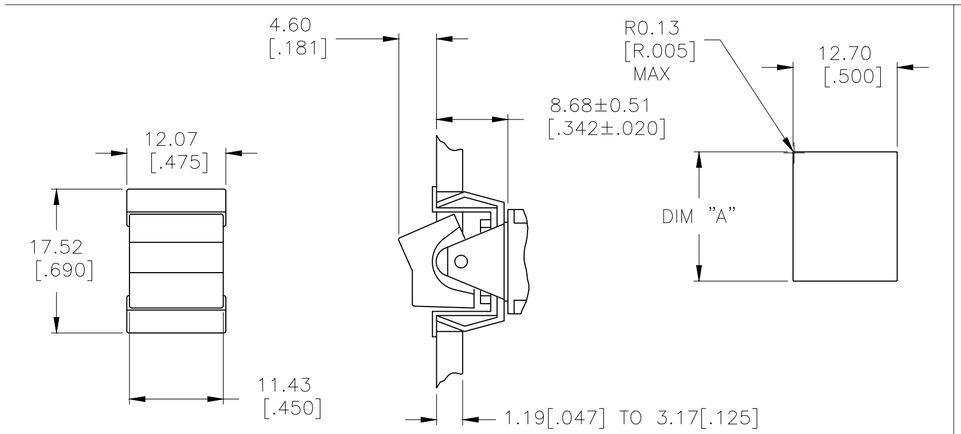
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



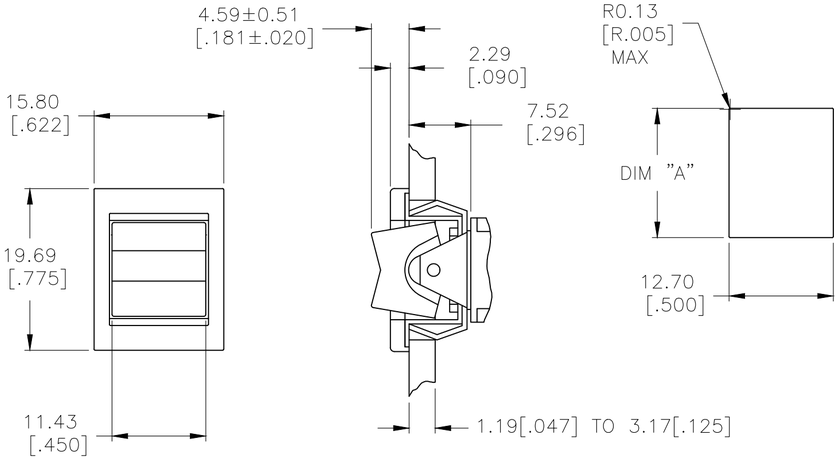
J1 SMALL



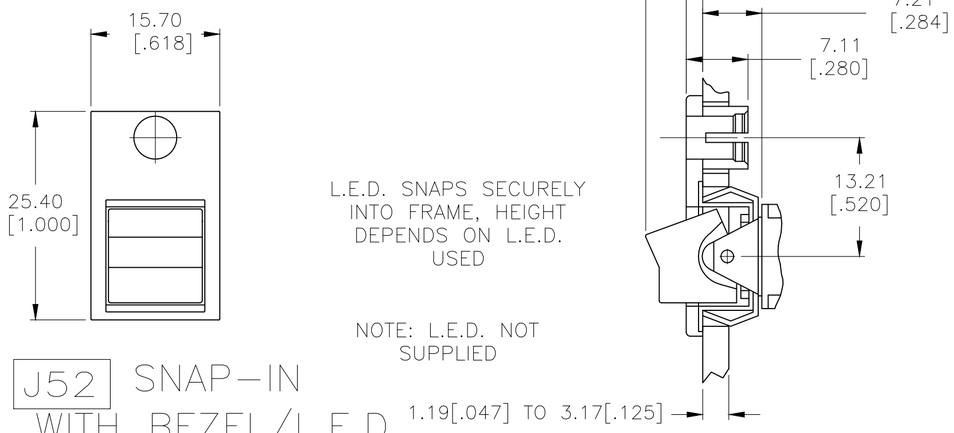
J3 LARGE



J50 SNAP–IN



J51 SNAP–IN
WITH BEZEL



L.E.D. SNAPS SECURELY INTO FRAME, HEIGHT DEPENDS ON L.E.D. USED

NOTE: L.E.D. NOT SUPPLIED

J52 SNAP–IN
WITH BEZEL/L.E.D.

1.52[.060]–3.17[.125]	15.75[.620]–15.87[.625]
1.19[.047]–1.50[.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.25[0.01]
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
GEMINI A SERIES ROCKER SWITCH
SINGLE POLE

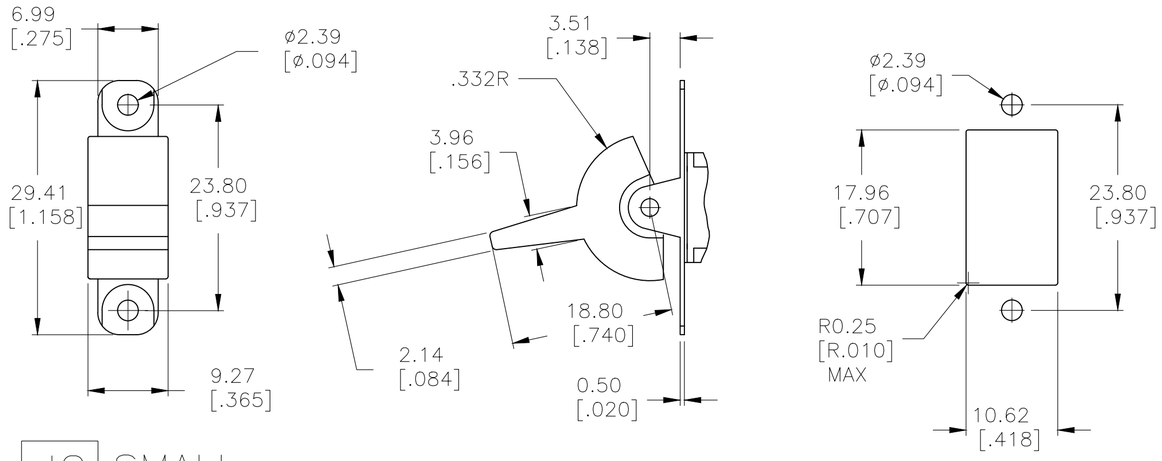
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571986	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 5 | REV A12

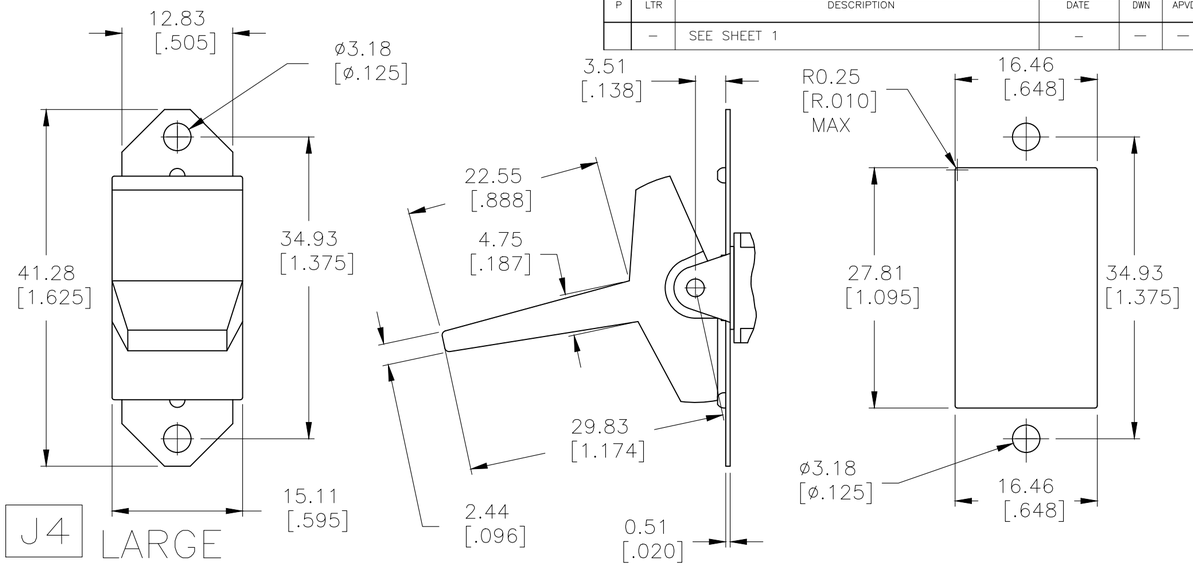
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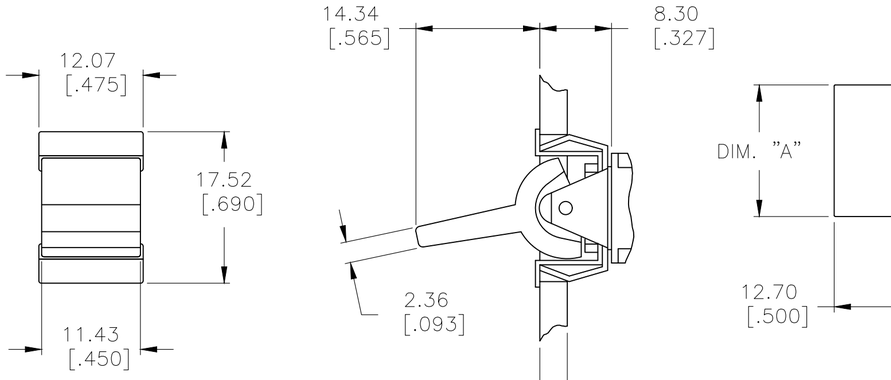
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



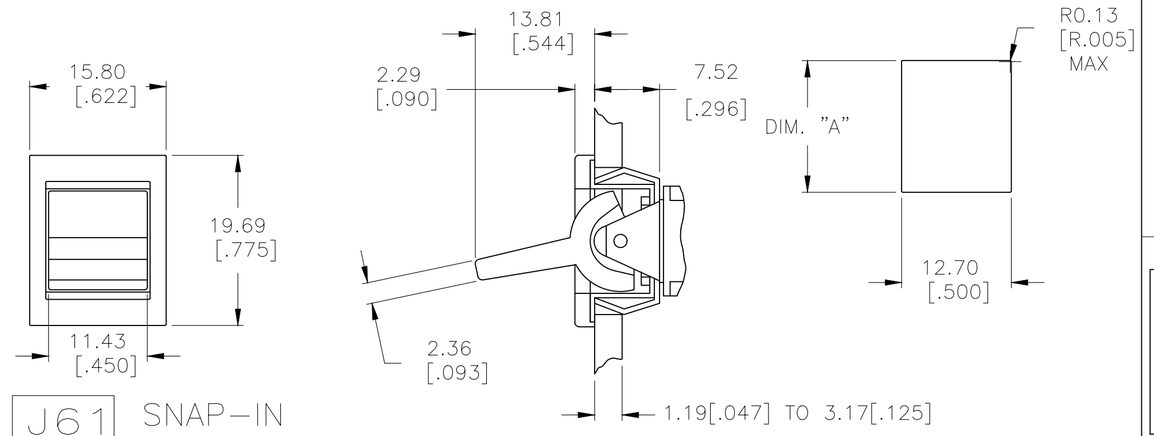
J2 SMALL



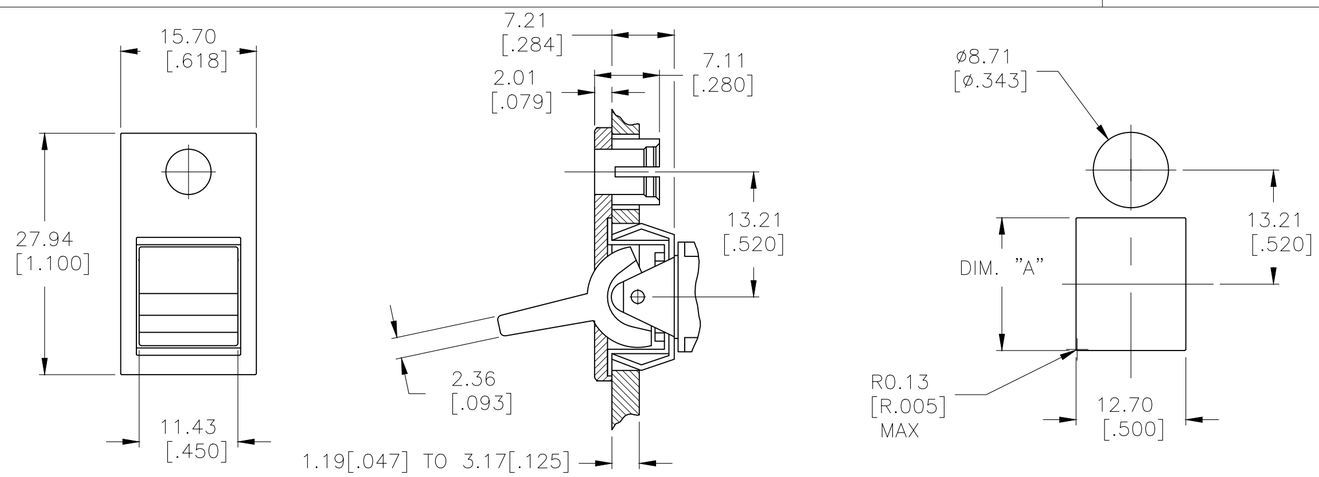
J4 LARGE



J60 SNAP–IN



J61 SNAP–IN WITH BEZEL



J62 SNAP–IN WITH BEZEL/L.E.D.

NOTE: L.E.D. NOT SUPPLIED

1.52[.060]–3.17[.125]	15.75[.620]–15.87[.625]
1.19[.047]–1.50[.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.25[0.01]
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571986	–

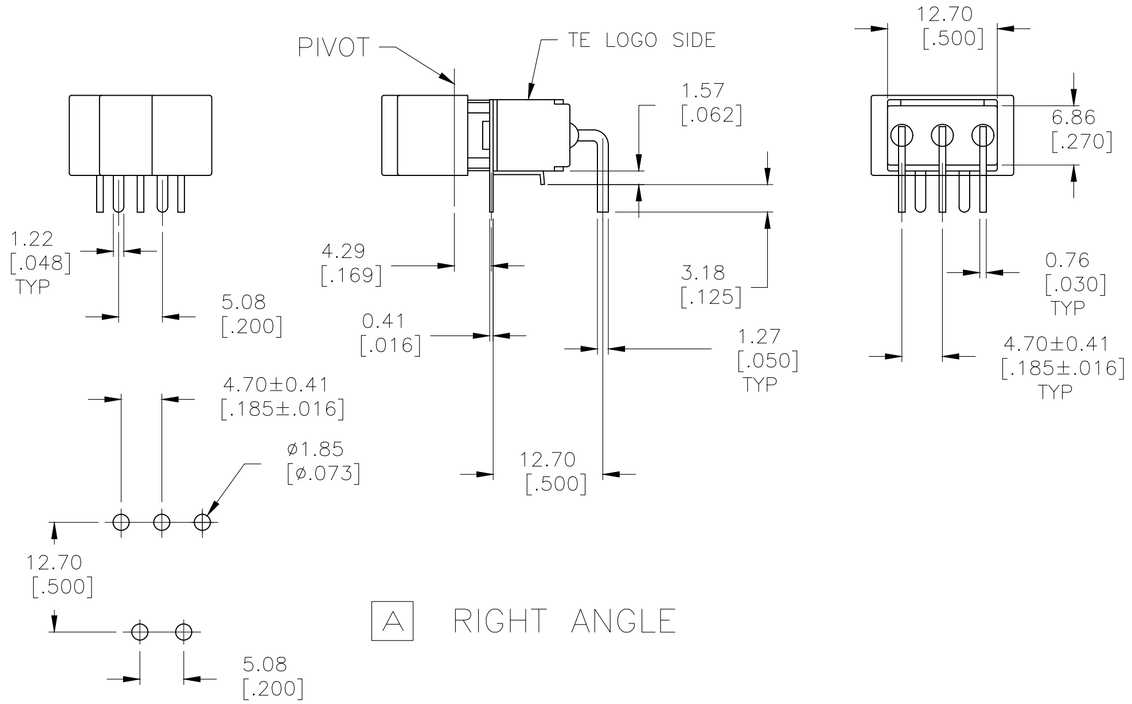
CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 5 | REV A12

1571986

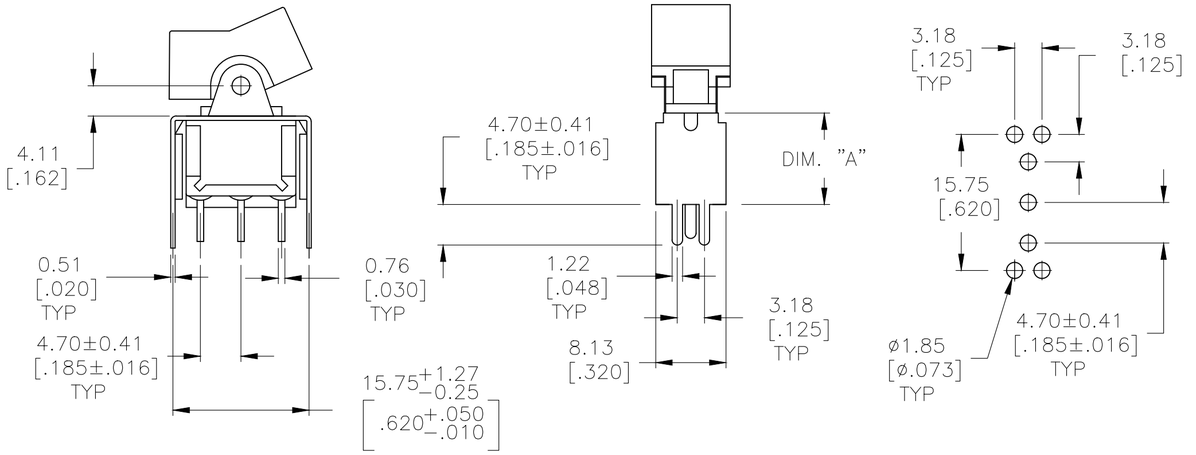
1471–9 (1/15)

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



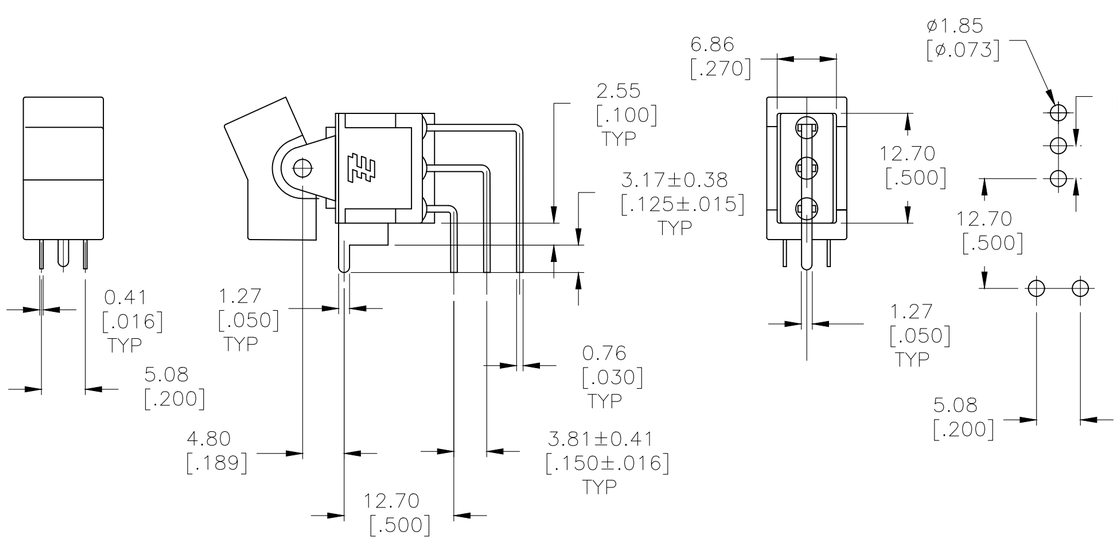
A RIGHT ANGLE



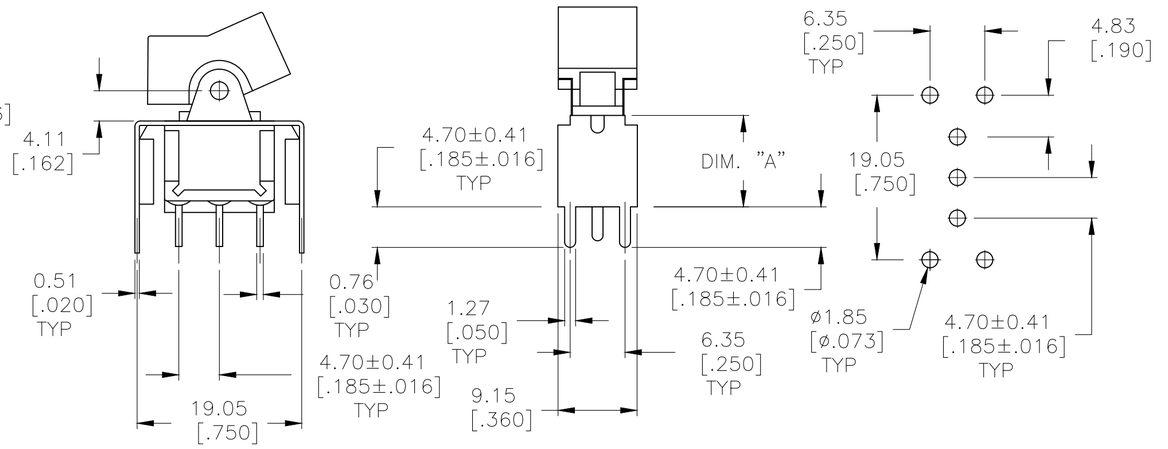
V3 | V4

VERTICAL SUPPORT BRACKET

OPTION CODE	DIM "A"
V3	11.68[.460]
V4	16.00[.630]



AV2 VERTICAL RIGHT ANGLE



V6 | V7

VERTICAL SUPPORT BRACKET

OPTION CODE	DIM "A"
V6	11.68[.460]
V7	16.00[.630]

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2 PLC ± –
3 PLC ± 0.25[0.01]
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571986	–

SCALE 2:1 SHEET 4 OF 5 REV A12

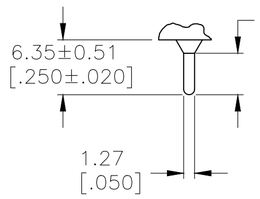
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

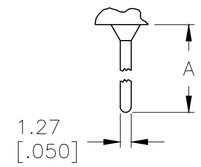


.030 THK.

C PRINTED CIRCUIT

MATERIALS CHART

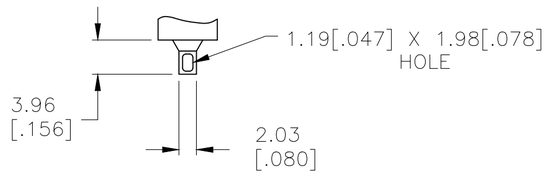
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, 30–40% GF, RED, UL94 V–0, COSMIC D72/6120F	
FRAME	304 STAINLESS STEEL	
B TERMINALS & CONTACTS	C194 COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	C194 COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	C194 COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V–1	
ROCKER CAP	NYLON, BLACK, UL94 V–1, NYTEX MG–2012N	
BUSHING & ACTUATOR LEVER	ZINC ALLOY K2	.000100–.000150 NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	C2680H BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V–1, BOOM HOUSE S–9001A	



.030 THK.

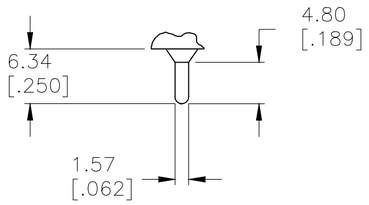
OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W W4 WIRE WRAP



.030 THK.

Z WIRE LUG



.030 THK.

Z3 QUICK CONNECT

A101J1AV2Q004AM9	7–1571986–4
A101J1AV2Q004AM8	7–1571986–3
A101J1AV2Q004AM	7–1571986–2
A108J61ZQ0004	7–1571986–0
A108J51ZQ0004	6–1571986–9
A108J1ZQ004	6–1571986–8
A108J1V3Q004	6–1571986–7
A107J61ZQ0004	6–1571986–6
A107J51ZQ0004	6–1571986–5
A105J61ZQ0004	6–1571986–4
A105J61ZG0004	6–1571986–3
A105J52ZQ2004	6–1571986–2
A105J51ZQ0004	6–1571986–1
A105J4ZQ004	6–1571986–0
A105J3ZQ004	5–1571986–9
A105J3CQ2004	5–1571986–8
A105J3CQ004	5–1571986–7
A105J2ZQ004	5–1571986–6
A105J2AV2Q004	5–1571986–5
A105J2AQ004	5–1571986–4
A105J1ZQ004	5–1571986–3
A105J1V3B004	5–1571986–2
A105J1CQ004	5–1571986–1
ALCO P/N	P/N

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A105J1AQ004	4–1571986–9
NOT ASSIGNED	4–1571986–8
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A103J61ZQ0004	4–1571986–6
A103J51ZQ0004	4–1571986–5
A103J3ZQ004	4–1571986–4
A103J2ZQ004	4–1571986–3
A103J2CB004	4–1571986–2
A103J1ZQ004	4–1571986–1
A103J1V3Q004	4–1571986–0
A103J1AV2Q004	3–1571986–9
A103J1AV2B004	3–1571986–8
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A101J1ZB004	1–1571986–6
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A101J1AQ004	1571986–8
A101J1AB004	1571986–7
NOT ASSIGNED	1571986–6
NOT ASSIGNED	1571986–5
NOT ASSIGNED	1571986–4
NOT ASSIGNED	1571986–3
NOT ASSIGNED	1571986–2
A101J1AB004	1571986–1
ALCO P/N	P/N

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3 PLC ± 0.25[0.01]
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571986	–

CUSTOMER DRAWING | SCALE 2:1 | SHEET 5 OF 5 | REV A12

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A101J1AV2Q004AM