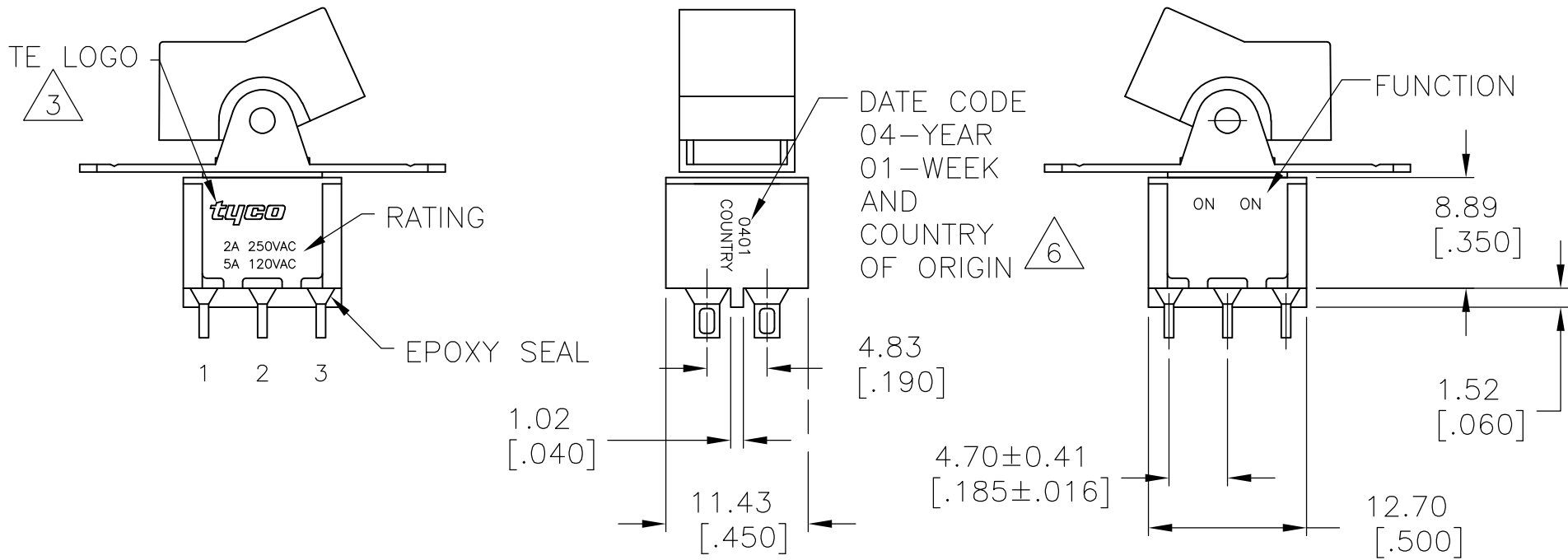


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A3	REVISED PER ECO-08-031574	19DEC08	HMR	MW



- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 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 STAMPED ON THE SWITCH IS 2A 250VAC, 5A 120VAC.
- TE LOGO.
-
- SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.
- DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.

FUNCTION CHART

FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2-3, 5-6	2-3, 4-5	1-2, 4-5
SP3T SCHEMATIC (11, 13 & 15 ONLY) NOTE 5			
	IN 2, OUT 6	IN 2, OUT 4	IN 2, OUT 1
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

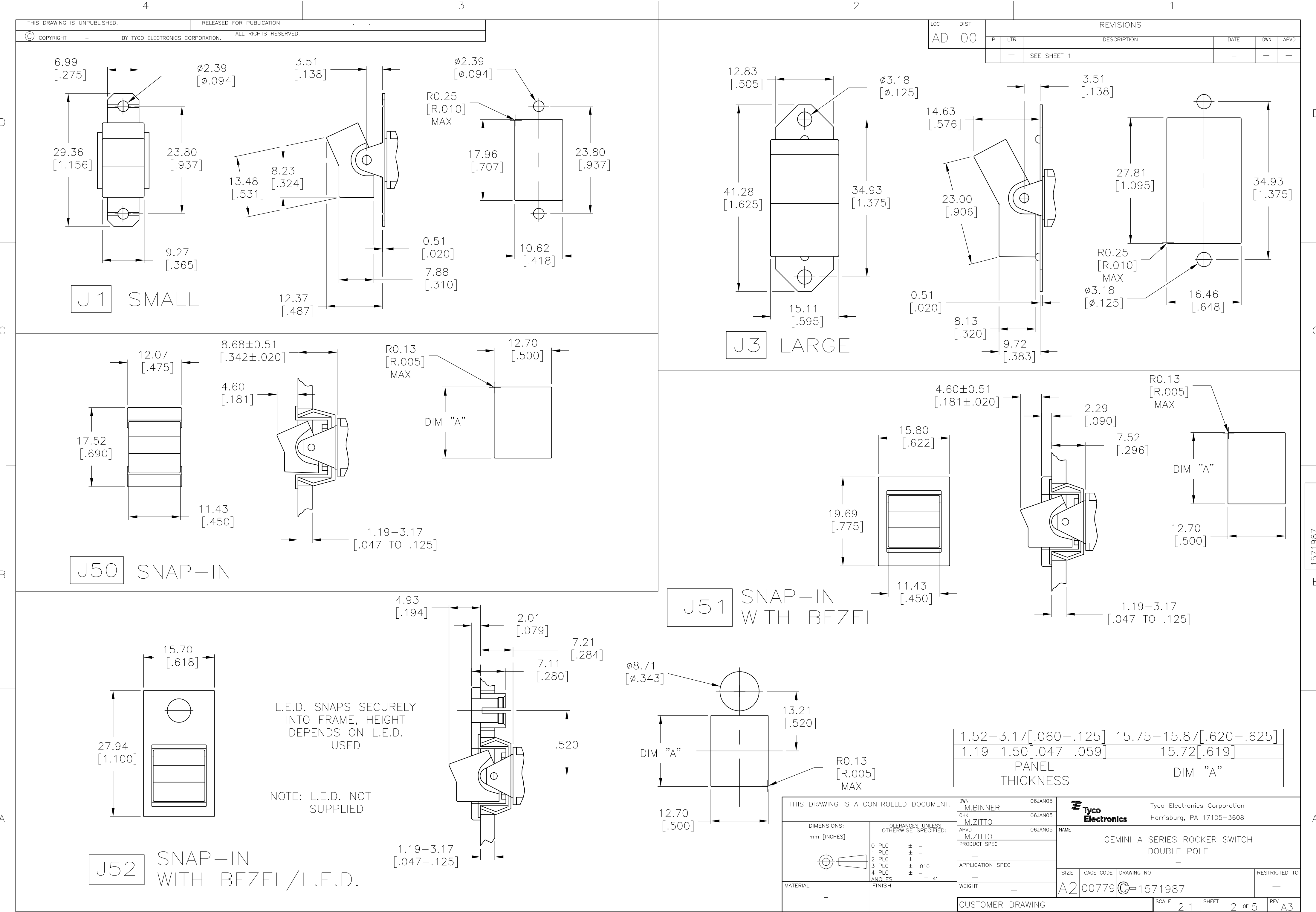
SPECIFICATIONS

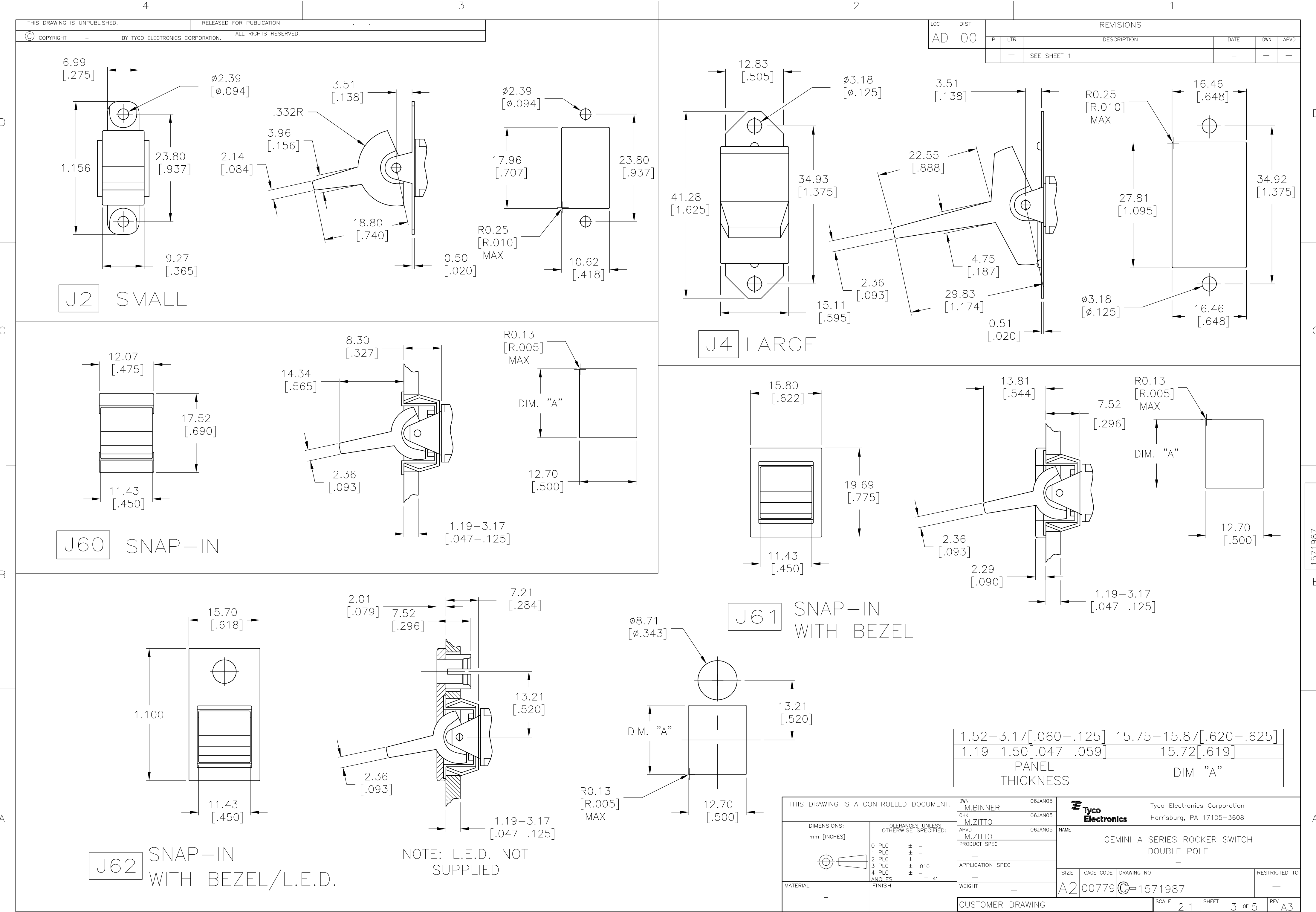
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS-SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR 5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	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

MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	FRAME COLOR	ROHS
A2							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	
	11	J2	V7		5 GREEN	5 GREEN	
	13	J4	W		6 BLUE	6 BLUE	
	15	J60	W4		8 GRAY	8 GRAY	
		J61	Z		9 WHITE	9 WHITE	
		J62	Z3				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	 Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 4°	APVD M.ZITTO 06JAN05	NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE			
		PRODUCT SPEC —				
		MATERIAL —	FINISH —	APPLICATION SPEC —	SIZE	CAGE CODE
WEIGHT —	A2			00779	C=1571987	—
CUSTOMER DRAWING				SCALE 2:1	SHEET 1 of 5	REV A3





LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		—	SEE SHEET 1	—	—	—

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

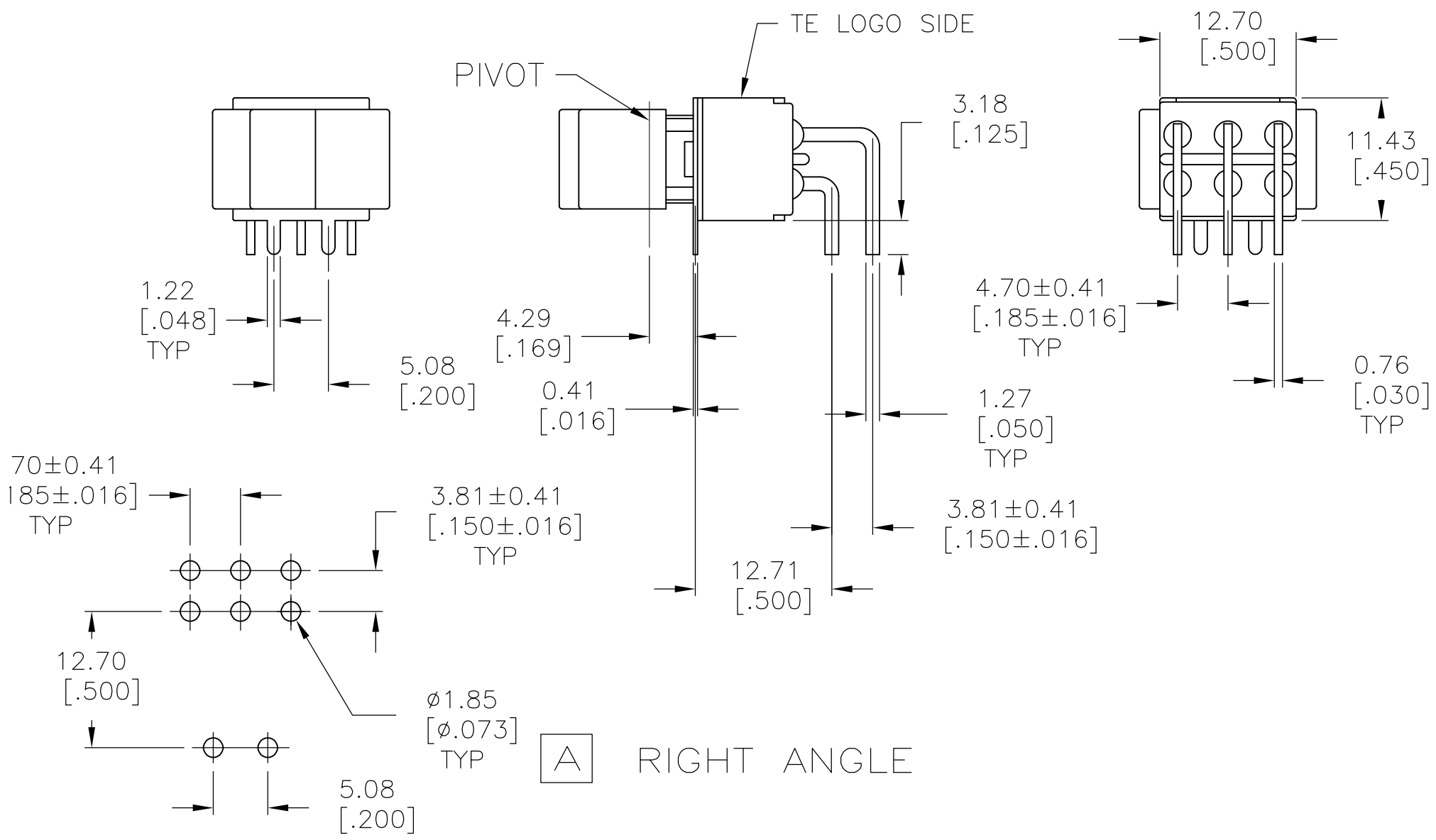
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	06JAN05	Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS: mm [INCHES]		CHK	M.ZITTO	06JAN05			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.ZITTO	06JAN05	NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE		
0 PLC ± -		PRODUCT SPEC	-	-			
1 PLC ± -		APPLICATION SPEC	-	-	SIZE	CAGE CODE	DRAWING NO
2 PLC ± -		-	-	-	A2	00779	C=1571987
3 PLC ± .010		WEIGHT	-	-	SCALE	2:1	SHEET 3 of 5
4 PLC ± -		CUSTOMER DRAWING	-	-	REV	A3	-
ANGLES ± 4°							
FINISH							

D

C

B

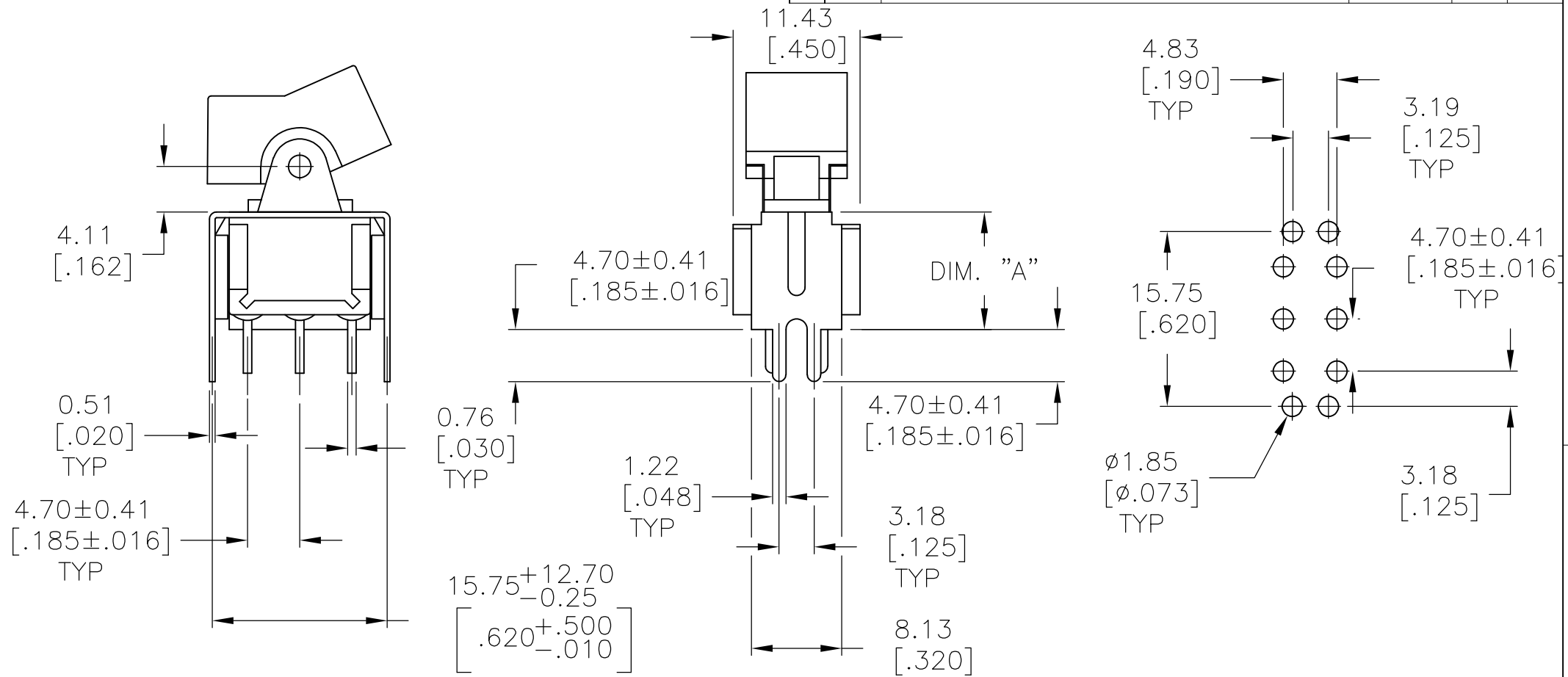
A



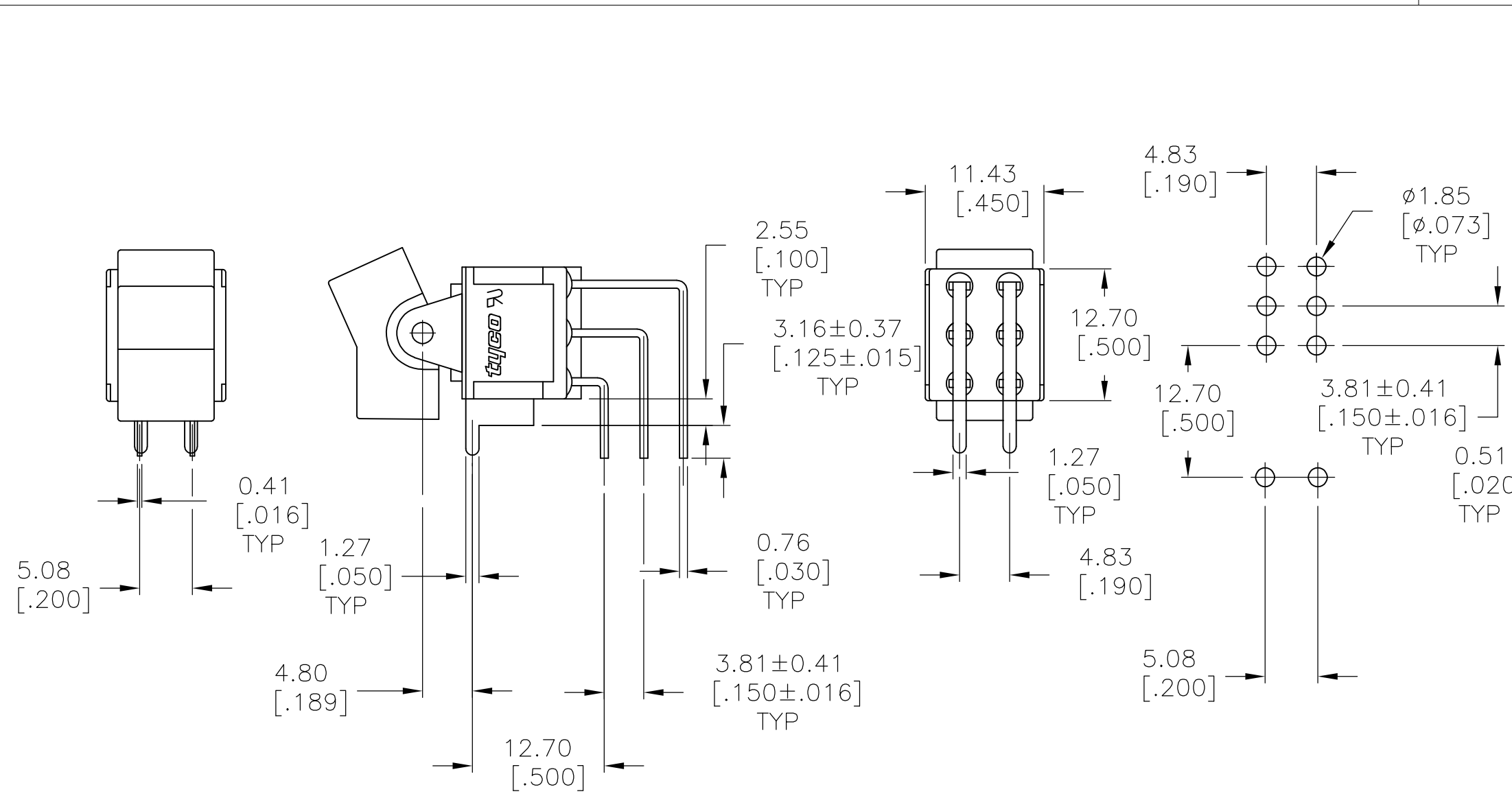
V3 V4

VERTICAL SUPPORT
BRACKET

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		—	SEE SHEET 1	—	—	—

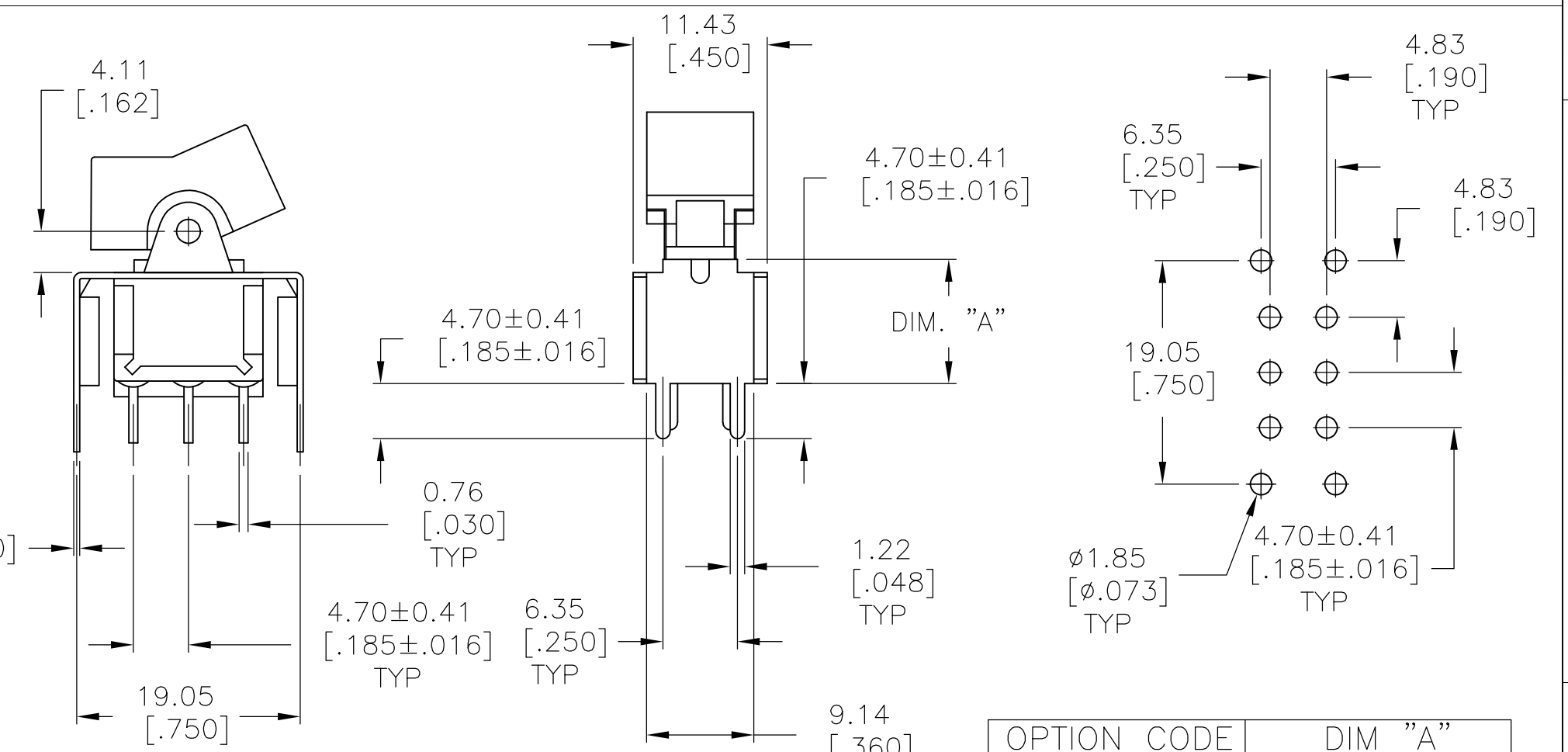


OPTION CODE	DIM "A"
V3	11.68[.460]
V4	16.00[.630]



V6 V7

VERTICAL SUPPORT
BRACKET



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

AV2 VERTICAL RIGHT ANGLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .010
4 PLC ± -
ANGLES ± 4°
FINISH -

DWN
M.BINNER
06JAN05

CHK
M.ZITTO
06JAN05

APVD
M.ZITTO
06JAN05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
GEMINI A SERIES ROCKER SWITCH
DOUBLE POLE
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1571987

RESTRICTED TO
-

SCALE
2:1

SHEET
4 of 5

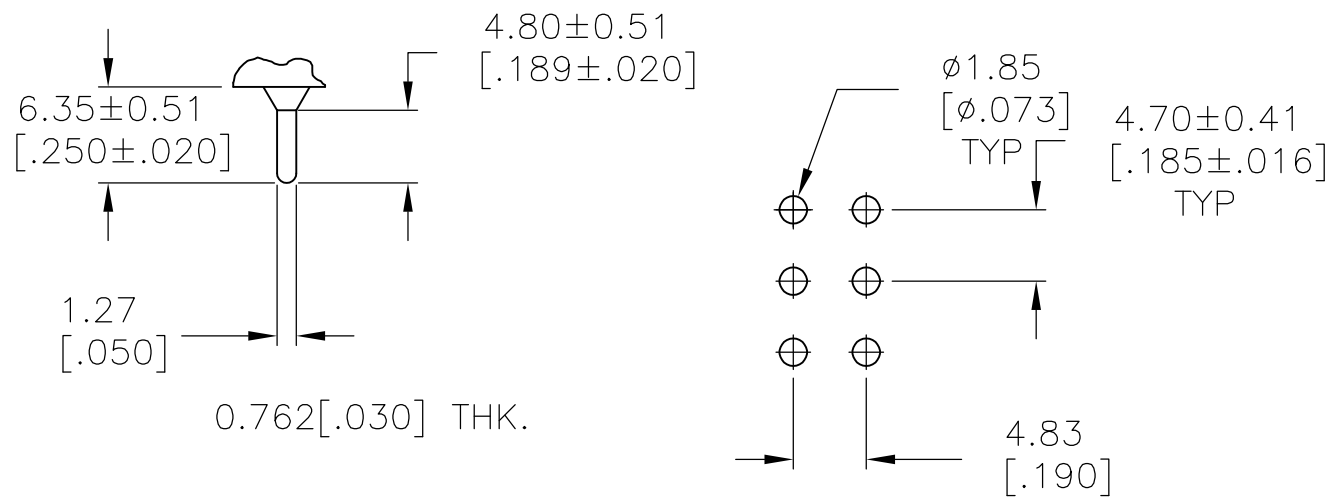
REV
A3

1571987

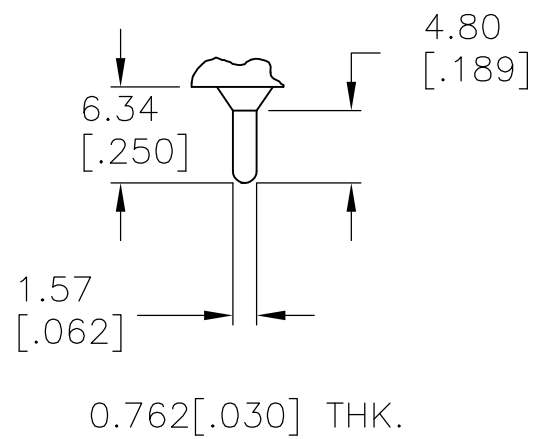
A

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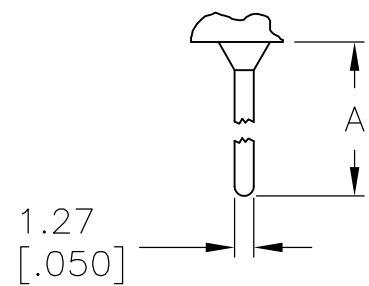
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	OWN	APVD
			—	SEE SHEET 1	—	—	—



C PRINTED CIRCUIT



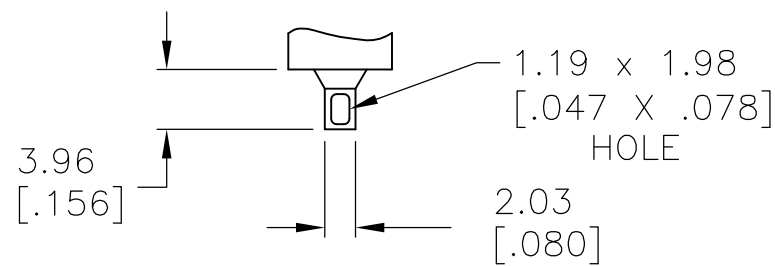
Z3 QUICK CONNECT



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

0.762[.030] THK.

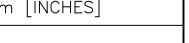
W W4 WIRE WRAP



0.762[.030] THK.

Z WIRE LUG

MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, RED, UL94 V-0	
FRAME	STAINLESS STEEL	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
ROCKER CAP	NYLON, BLACK, UL94 V-1	
BUSHING & ACTUATOR LEVER	ZINC ALLOY	NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V-1	

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DIMENSIONS: mm [INCHES]		CHK M.ZITTO		06JAN05			
		APVD M.ZITTO		06JAN05			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE —			
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± 4°					
		FINISH					
MATERIAL —		WEIGHT —		SIZE A2	CAGE CODE 00779	DRAWING NO C-1571987	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 2:1	SHEET 5 of 5	REV A3	