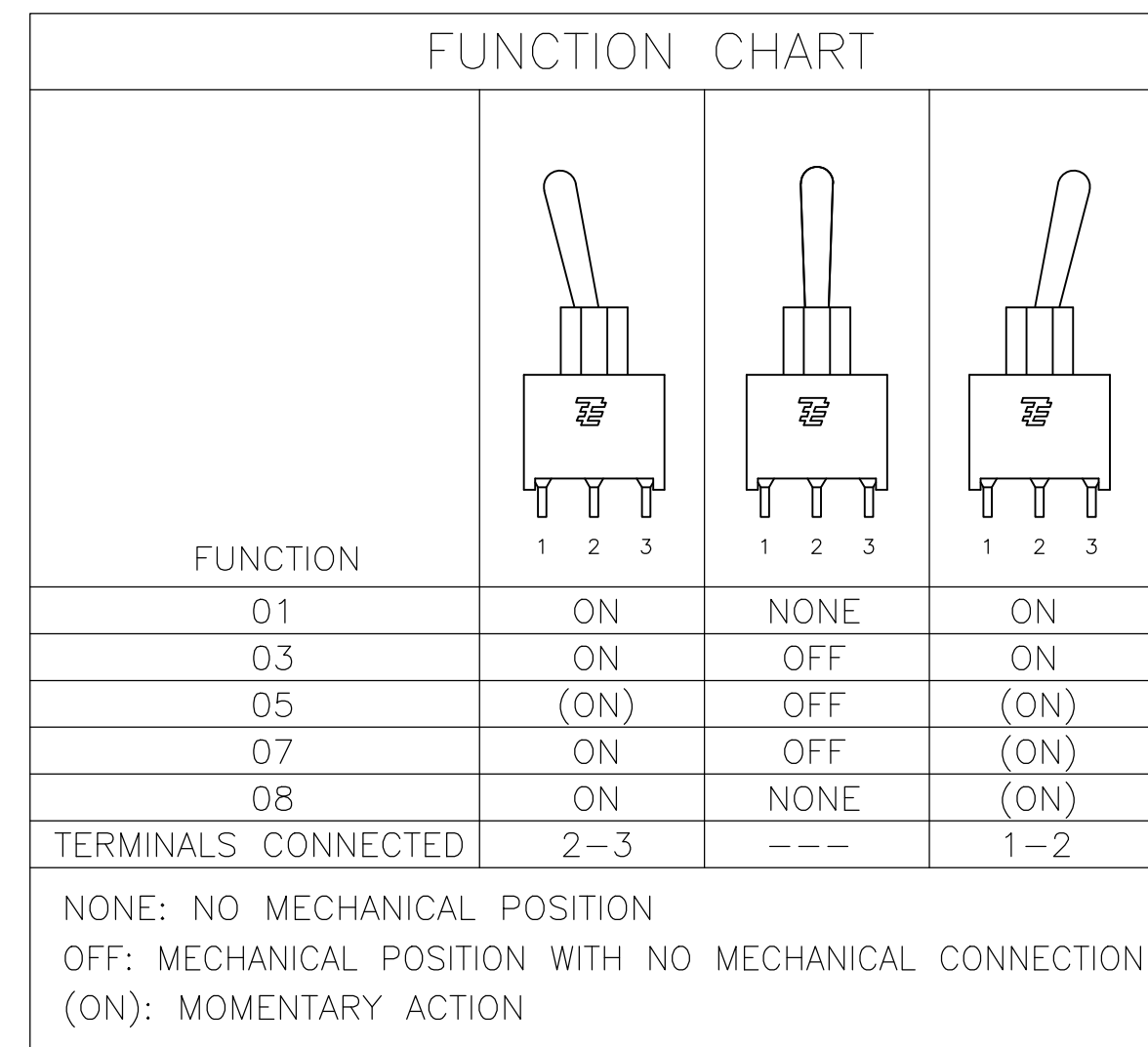




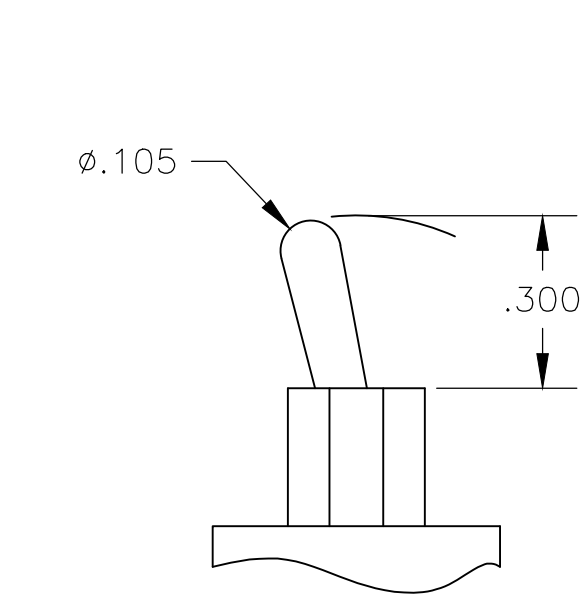
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
AE1	01	M	D1	A	B	04
	03	S		AV2	G	
	05			C	Q	
	07			V30		
	08			V40		
				W		
				W4		
				Z		
			Z3			

EXAMPLE: AE101SD1CQ04

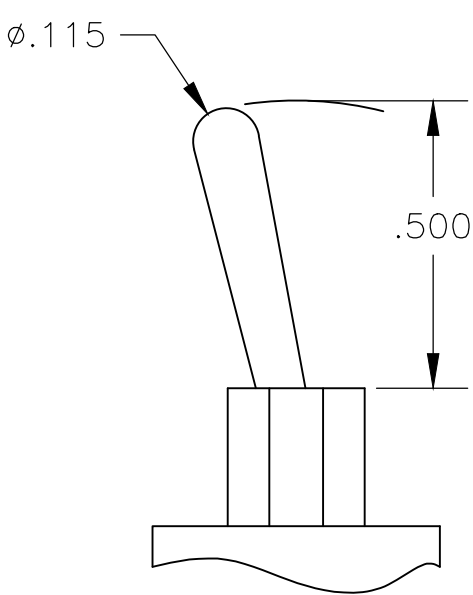
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO		18MAY05		 TE Connectivity	
		CHK M. ZITTO		—			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. ZITTO		NAME	
		0 PLC ± —		PRODUCT SPEC		GEMINI AE SERIES TOGGLE SWITCH, SINGLE POLE —	
		1 PLC ± —		—			
		2 PLC ± —		APPLICATION SPEC			
		3 PLC ± .010		—		SIZE	
		4 PLC ± —		—		CAGE CODE	
		ANGLES ± 2°				DRAWING NO	
MATERIAL		FINISH		WEIGHT		RESTRICTED TO	
—		—		A2		00779	
				C-1825142		—	
				CUSTOMER DRAWING		SCALE 3:1	
						SHEET 1 OF 4	
						REV A5	

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

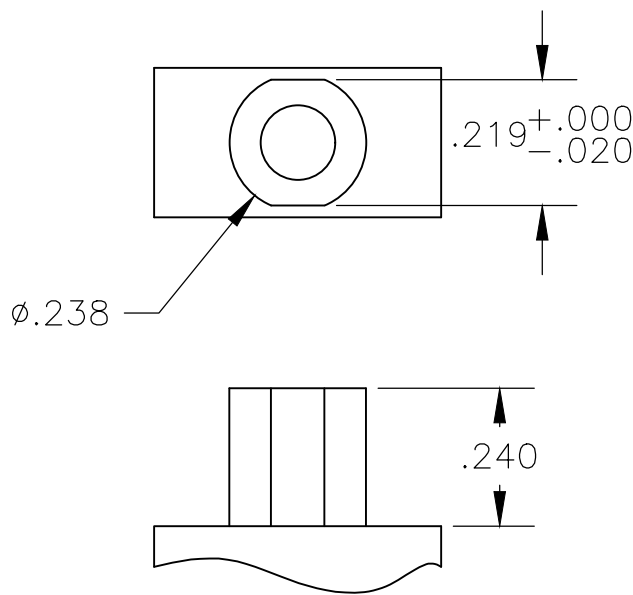
D



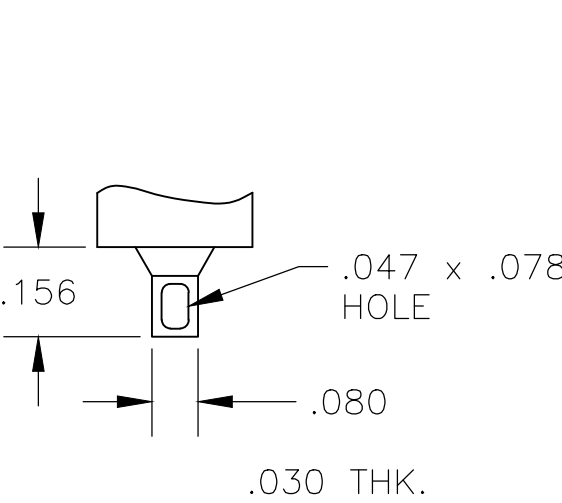
M SHORT



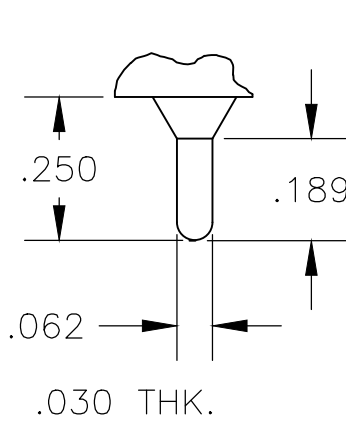
S STANDARD



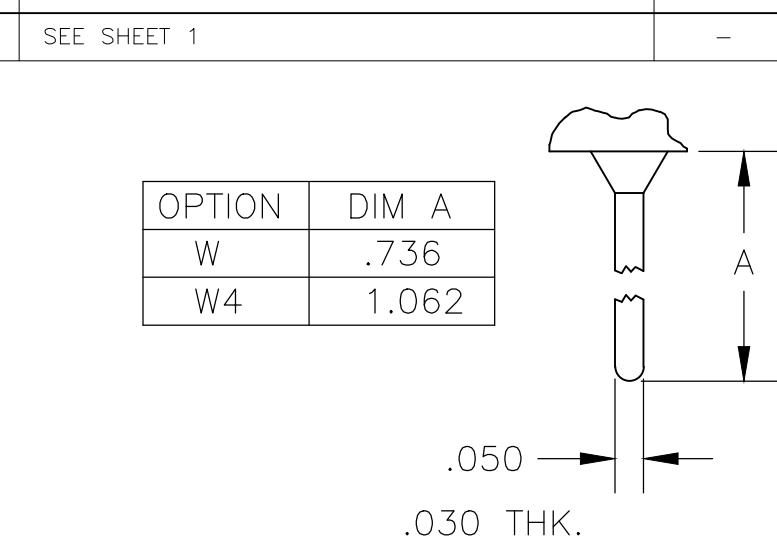
D1 BUSHING



Z WIRE LUG

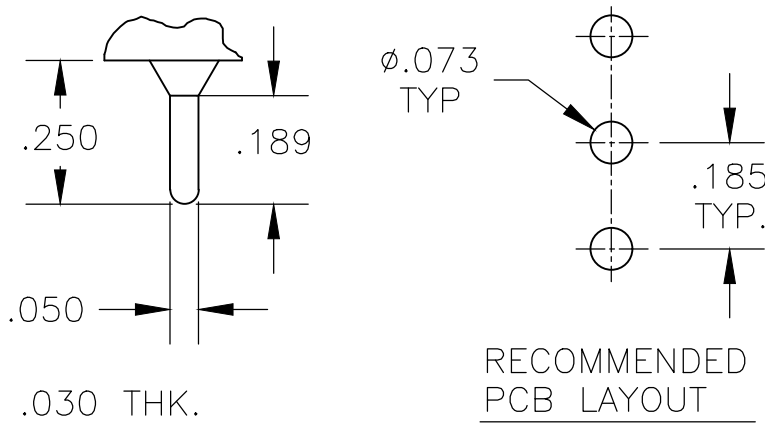


Z3 QUICK CONNECT

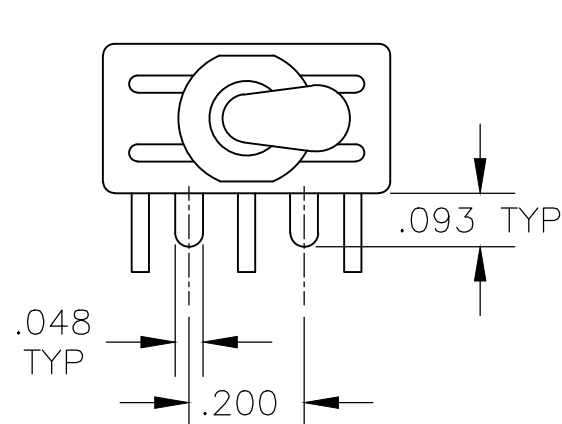


W W4 WIRE WRAP

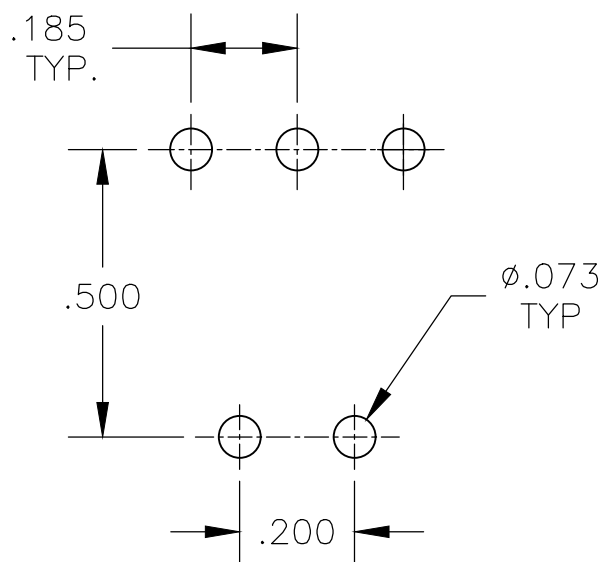
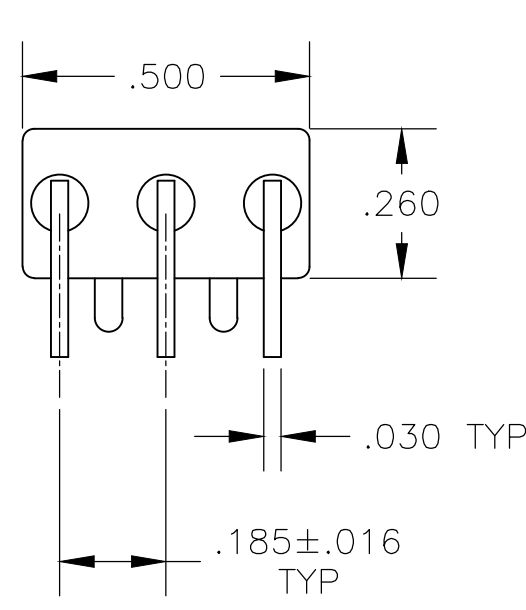
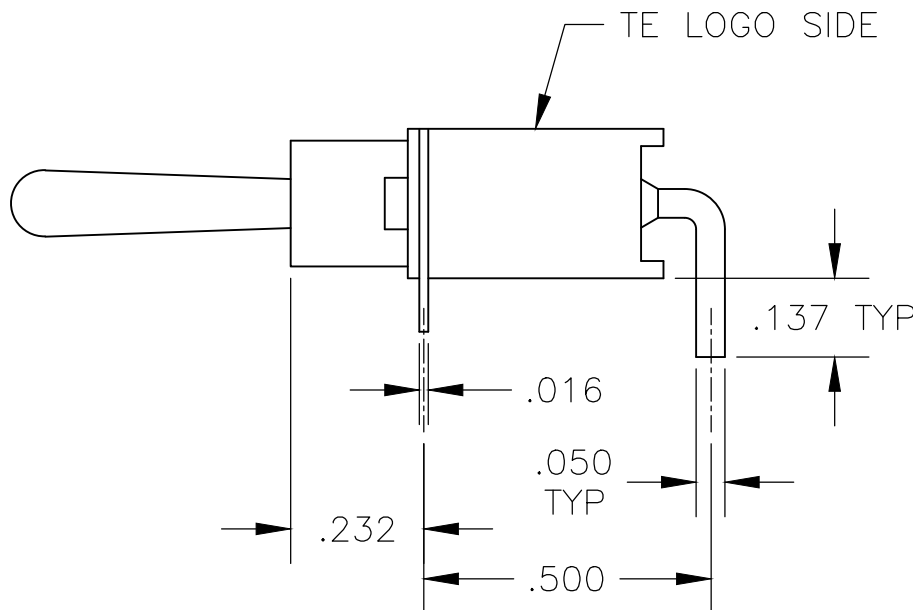
C



C PRINTED CIRCUIT

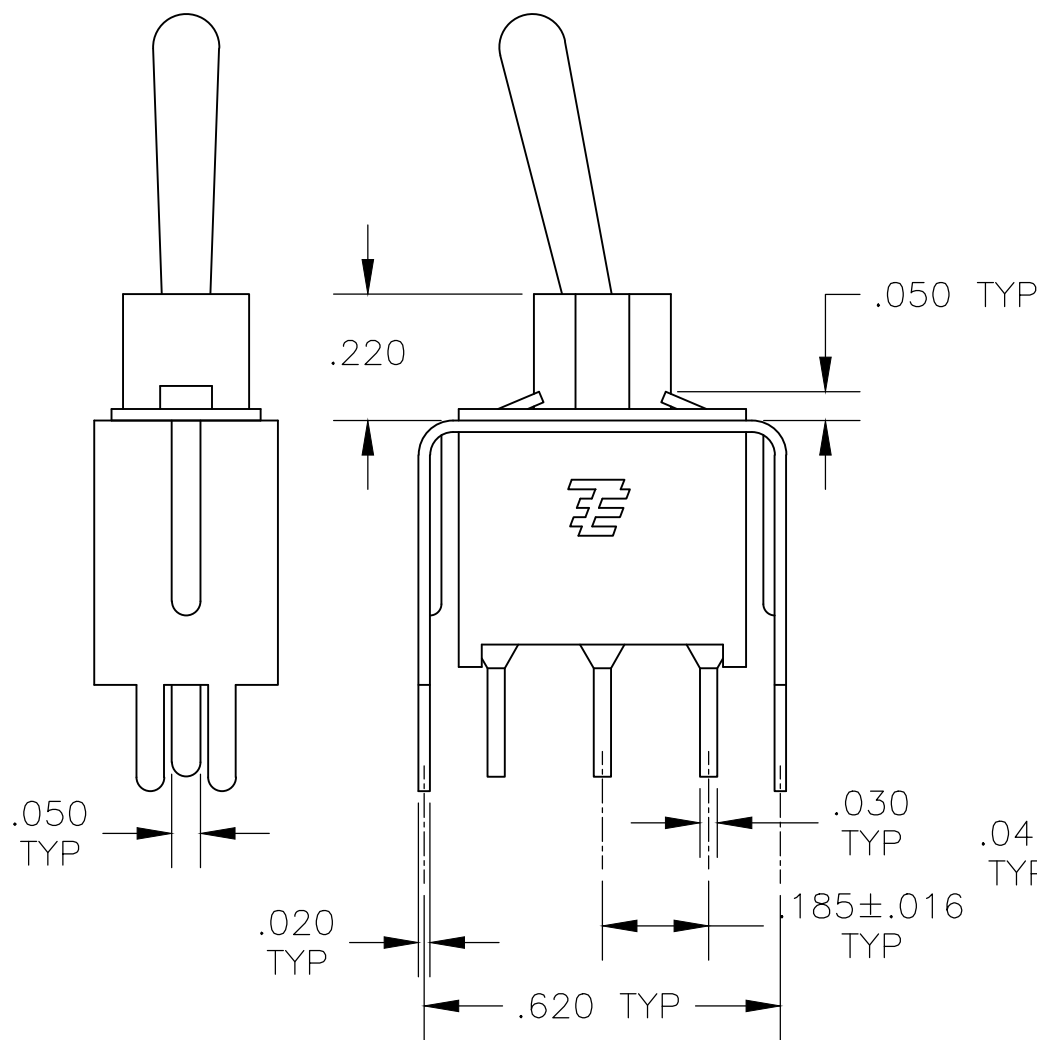


A RIGHT ANGLE

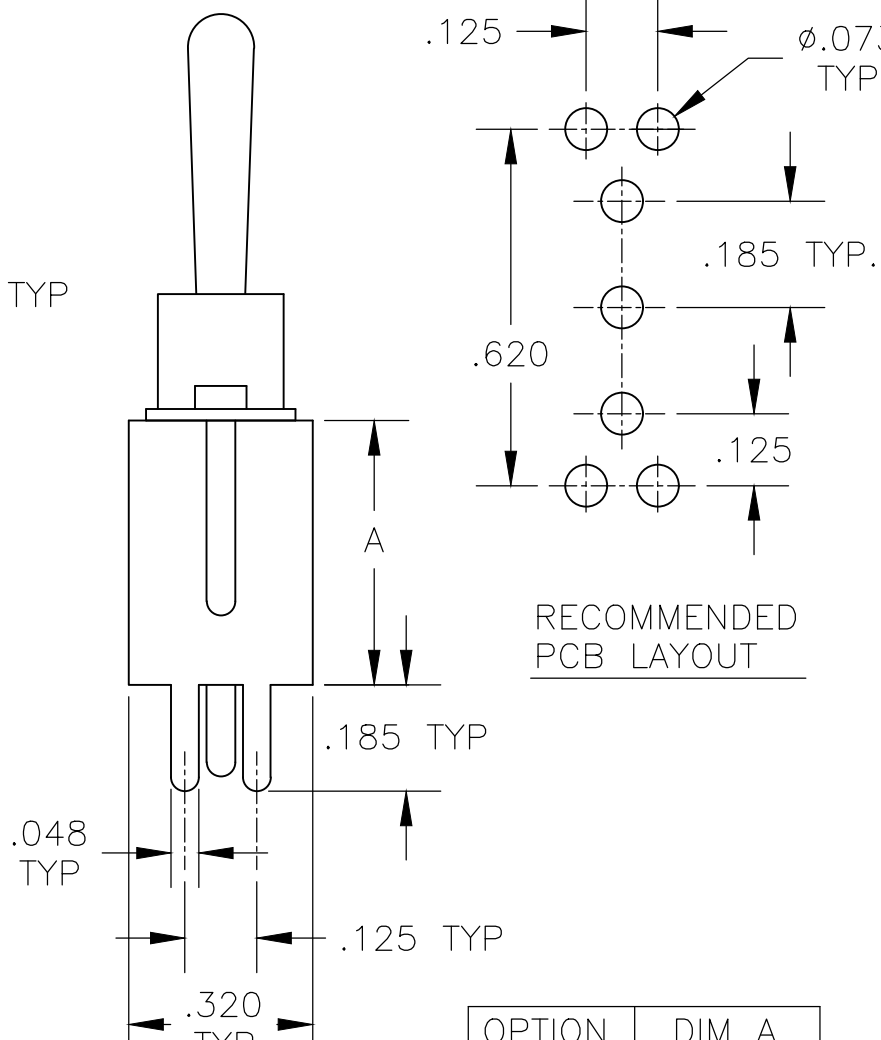


RECOMMENDED PCB LAYOUT

B



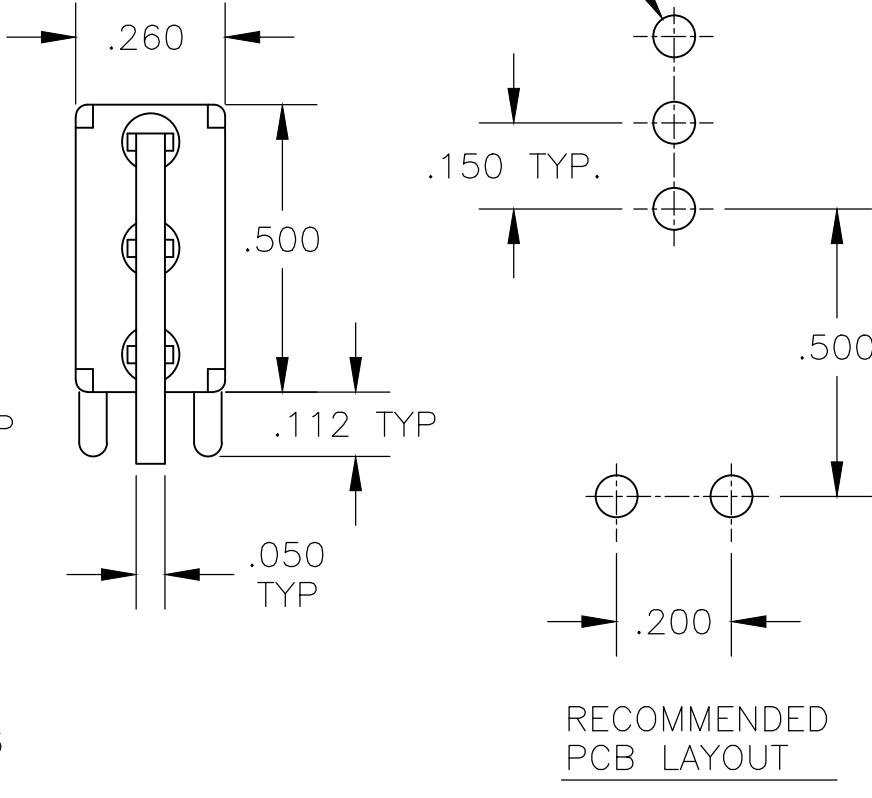
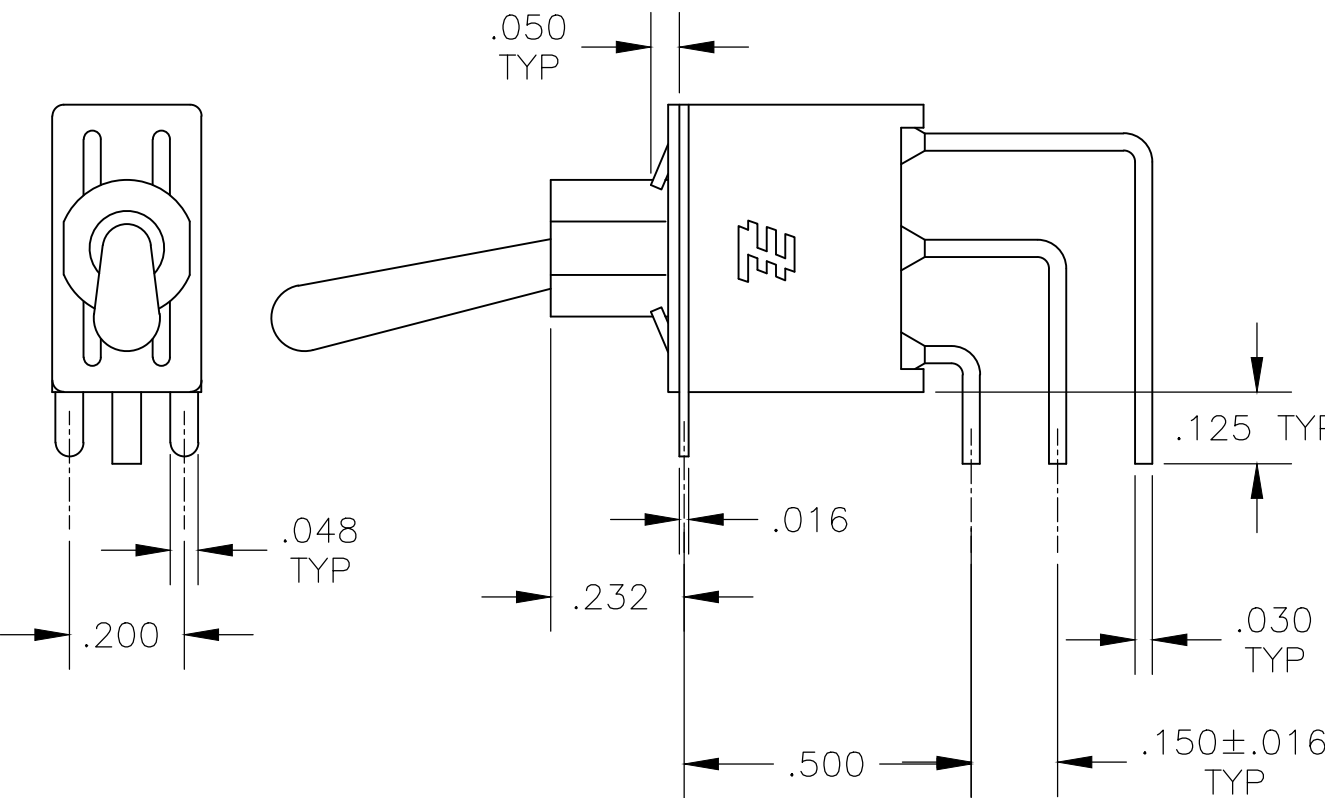
V30 V40 VERTICAL SUPPORT BRACKET



RECOMMENDED PCB LAYOUT

OPTION	DIM A
V30	.460
V40	.630

AV2 VERTICAL RIGHT ANGLE



RECOMMENDED PCB LAYOUT

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO	18MAY05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. ZITTO	-		
		APVD M. ZITTO	-		
		PRODUCT SPEC	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		GEMINI AE SERIES TOGGLE SWITCH, SINGLE POLE	
0 PLC ± -		APPLICATION SPEC		-	
1 PLC ± -		WEIGHT		RESTRICTED TO	
2 PLC ± -		SCALE		3:1	
3 PLC ± .010		SHEET		2 of 4	
4 PLC ± -		REV		A5	
ANGLES ± 2°		CUSTOMER DRAWING			
FINISH					

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

REVISIONS

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

Alco P/N

TE P/N

AE101MD1AB04	1825142-1	
AE101MD1AG04	1825142-2	
not assigned	1825142-3	OBSOLETE
AE101MD1AQ04	1825142-4	
AE101MD1AV2B04	1825142-5	
AE101MD1AV2Q04	1825142-6	
not assigned	1825142-7	OBSOLETE
AE101MD1CB04	1825142-8	
AE101MD1CG04	1825142-9	
AE101MD1CQ04	1-1825142-0	OBSOLETE
AE101MD1V30B04	1-1825142-1	
AE101MD1V30Q04	1-1825142-2	
AE101MD1W4B04	1-1825142-3	
AE101MD1W4Q04	1-1825142-4	OBSOLETE
AE101SD1AB04	1-1825142-5	
AE101SD1AQ04	1-1825142-6	
not assigned	1-1825142-7	OBSOLETE
AE101SD1AV2B04	1-1825142-8	
AE101SD1AV2Q04	1-1825142-9	OBSOLETE
AE101SD1CB04	2-1825142-0	
AE101SD1CQ04	2-1825142-1	
AE101SD1V30B04	2-1825142-2	
AE101SD1V30Q04	2-1825142-3	OBSOLETE
AE103MD1AB04	2-1825142-4	
AE103MD1AV2B04	2-1825142-5	
AE103MD1CB04	2-1825142-6	
NOT ASSIGNED	2-1825142-7	
AE103MD1W4B04	2-1825142-8	OBSOLETE
AE103SD1AV2B04	2-1825142-9	
AE103SD1CB04	3-1825142-0	
AE103SD1CQ04	3-1825142-1	
not assigned	3-1825142-2	
AE103SD1V30B04	3-1825142-3	
AE103SD1W4B04	3-1825142-4	OBSOLETE
AE105MD1AB04	3-1825142-5	
AE105MD1AG04	3-1825142-6	
AE105MD1AV2B04	3-1825142-7	
AE105MD1W4B04	3-1825142-8	OBSOLETE
AE105SD1CB04	3-1825142-9	
AE105SD1V30B04	4-1825142-0	OBSOLETE

Alco P/N

TE P/N

AE105SD1W4B04	4-1825142-1	OBSOLETE
AE107MD1AV2B04	4-1825142-2	
AE107SD1AB04	4-1825142-3	
AE107SD1AG04	4-1825142-4	OBSOLETE
AE107SD1CB04	4-1825142-5	
AE107SD1V30B04	4-1825142-6	
AE108MD1AQ04	4-1825142-7	
AE108MD1AV2B04	4-1825142-8	
AE108MD1AV2Q04	4-1825142-9	OBSOLETE
AE108SD1AB04	5-1825142-0	
AE108SD1AQ04	5-1825142-1	
AE108SD1CQ04	5-1825142-2	
not assigned	5-1825142-3	OBSOLETE
AE108SD1V30B04	5-1825142-4	
AE108SD1W4B04	5-1825142-5	OBSOLETE

MATERIALS CHART

COMPONENT NAME	BASE MATERIAL	FINISH
CASE & BUSHING	NYLON, RED, UL94 V-0	
O-RING	PVC, BLACK	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	GOLD FLASH OVER SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
LEVER	BRASS	CHROME
SPRING	MUSIC WIRE	
PIVOT PIN	STEEL	NICKEL
LOCK WASHER	STAINLESS STEEL	
LOCKING RING	STAINLESS STEEL	
NUTS	BRASS	NICKEL
TERMINAL SEAL	EPOXY, UL94V-0	
MARKING	INK, BLACK	
SUPPORT BRACKET	BRASS OR STEEL	TIN
SUPPORT BRACKET RETAINER	STAINLESS STEEL	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 2°

FINISH

-

DWN
M. ZITTO

CHK
M. ZITTO

APVD
M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

18MAY05

-

-

-

SCALE
3:1

SHEET
3 OF 4

REV
A5

TE Connectivity

NAME
GEMINI AE SERIES TOGGLE SWITCH,
SINGLE POLE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1825142

RESTRICTED TO
-

D

C

B

A

1825142

B

A

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[AE101SD1AQ04](#)