

4

3

2

1

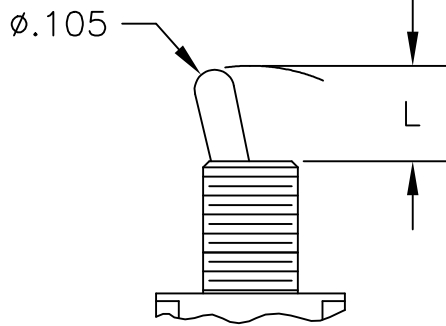
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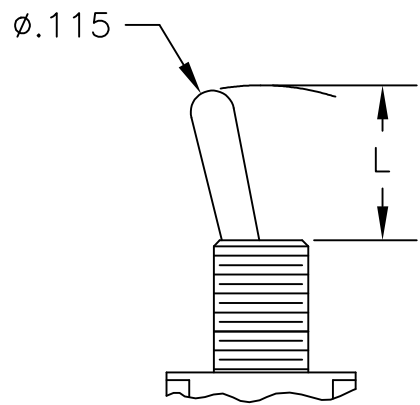
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TOGGLES

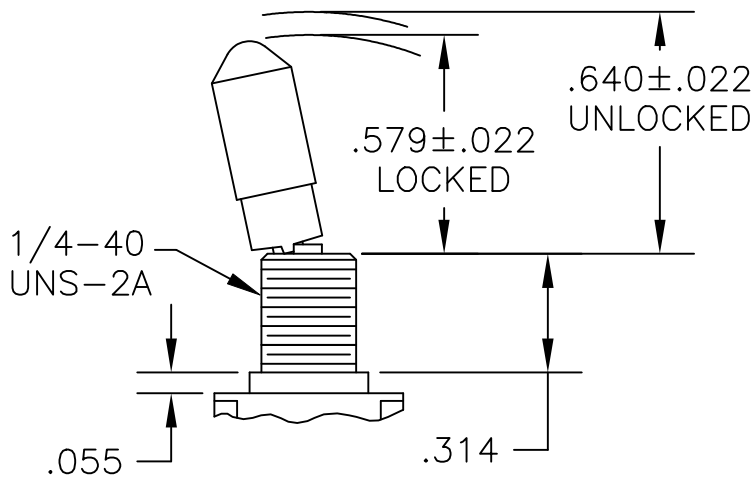


M SHORT

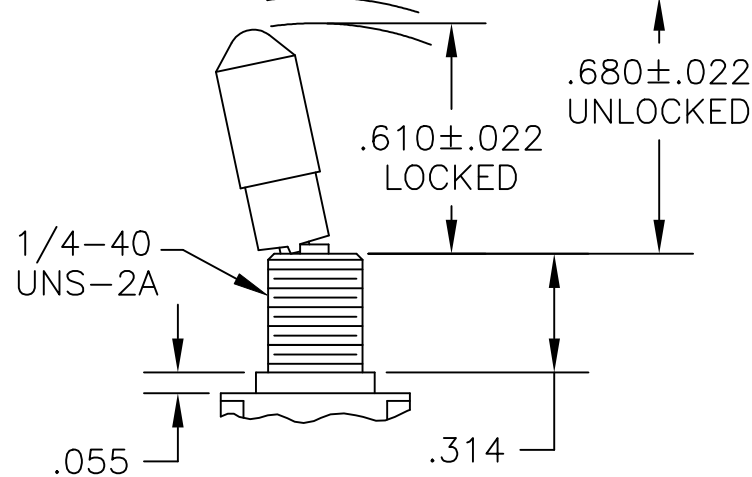


S STANDARD

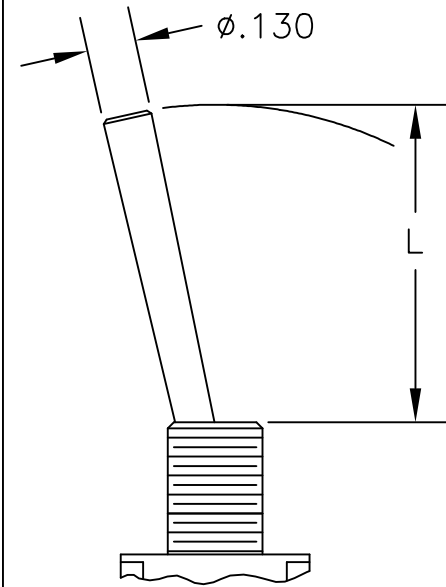
DIM L	BUSHING TYPE	DIM L	BUSHING TYPE
.200	Y, H	.410	Y, H
.270	D, D9	.480	D, D9



K NO BUSHING OPTION NEEDED

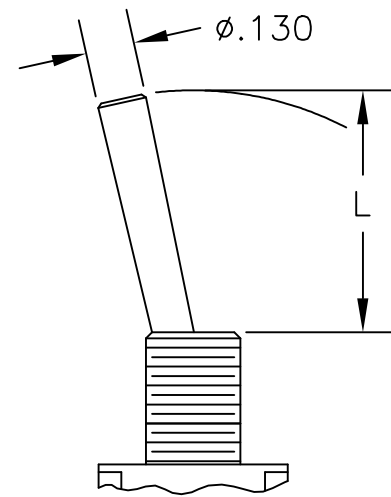


K1 NO BUSHING OPTION NEEDED



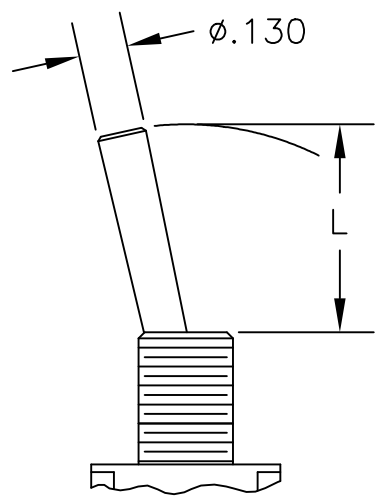
L LEVER

DIM L	BUSHING TYPE
.840	Y, H
.910	D, D9



L1 LEVER

DIM L	BUSHING TYPE
.640	Y, H
.710	D, D9



L2 LEVER

DIM L	BUSHING TYPE
.550	Y, H
.620	D, D9

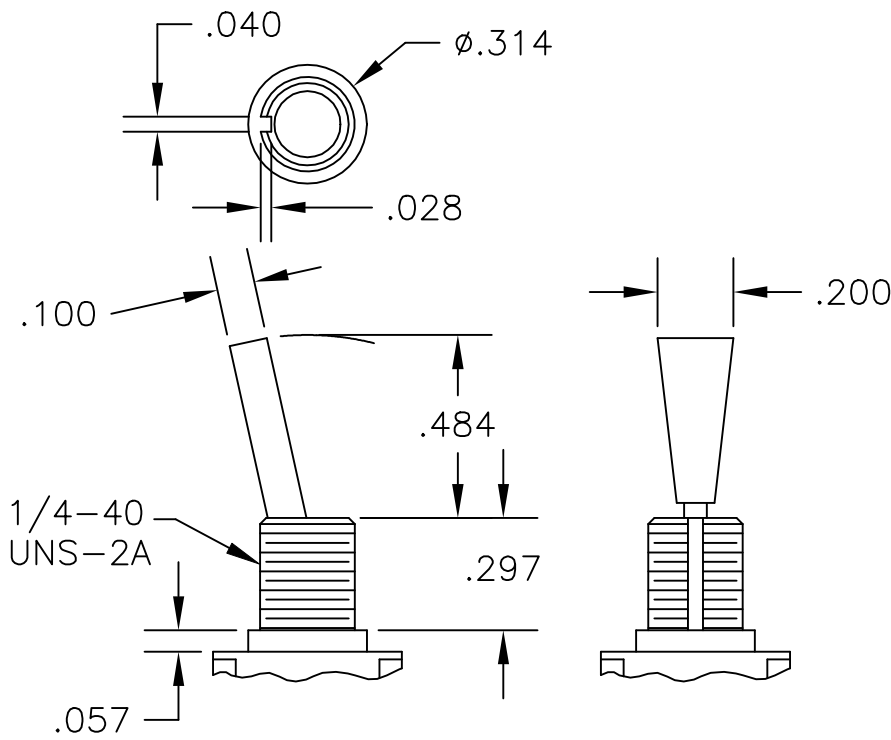
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

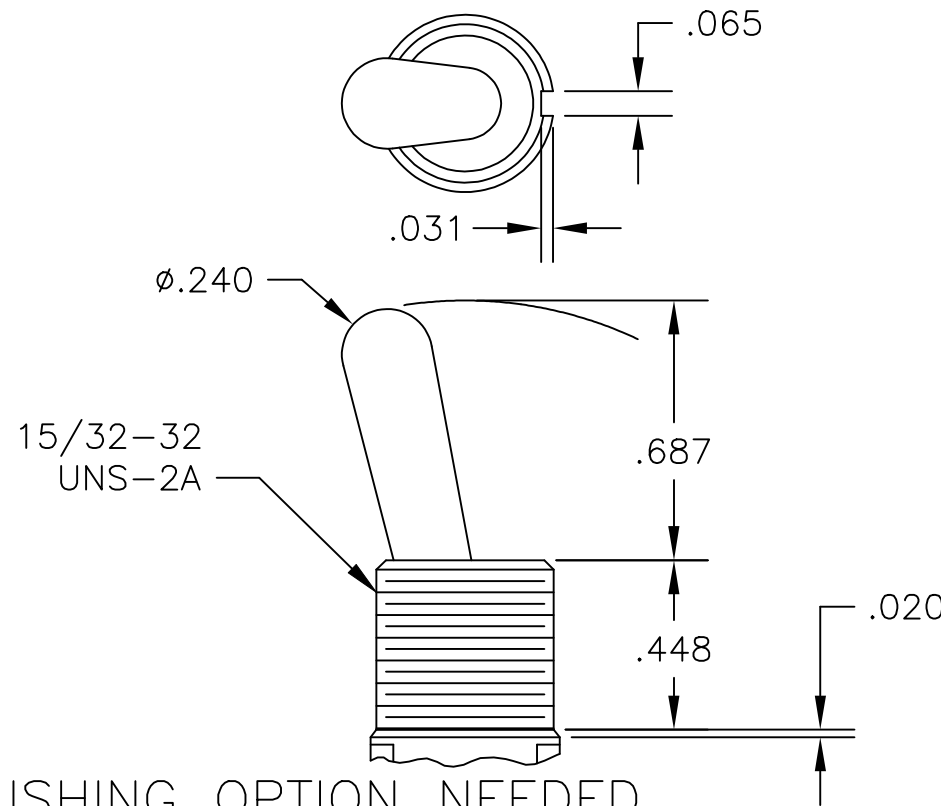
D

C

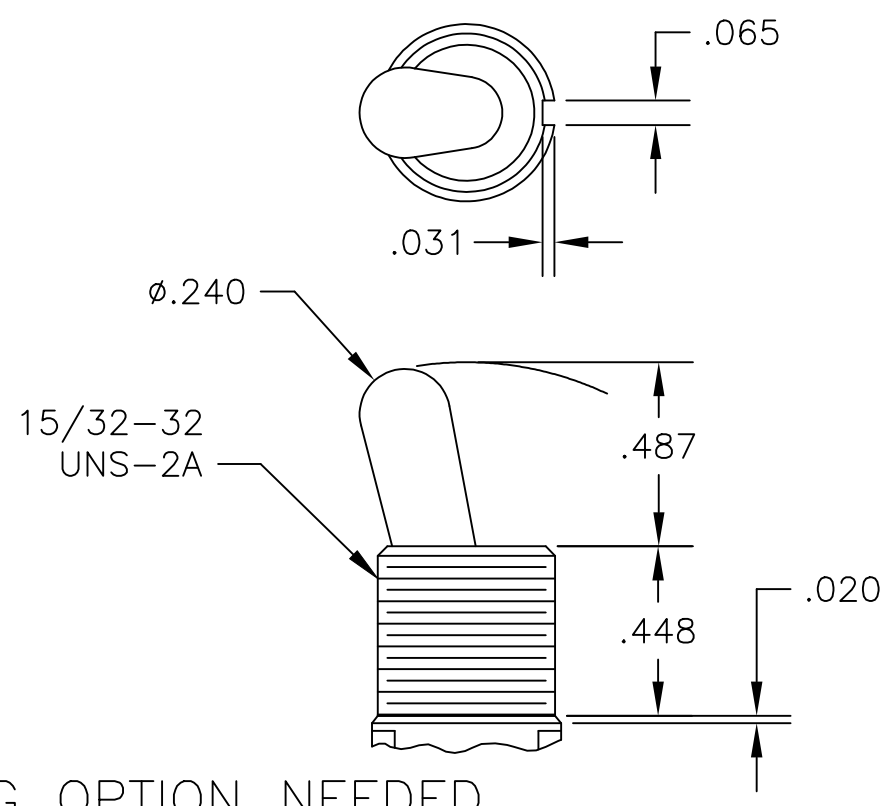
C



P3 NO BUSHING OPTION NEEDED



T NO BUSHING OPTION NEEDED

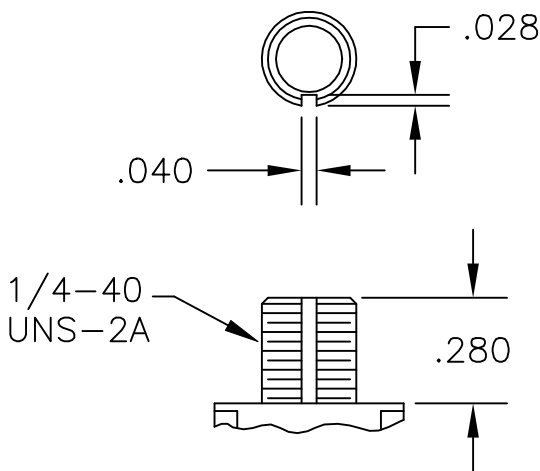


T1 NO BUSHING OPTION NEEDED

B

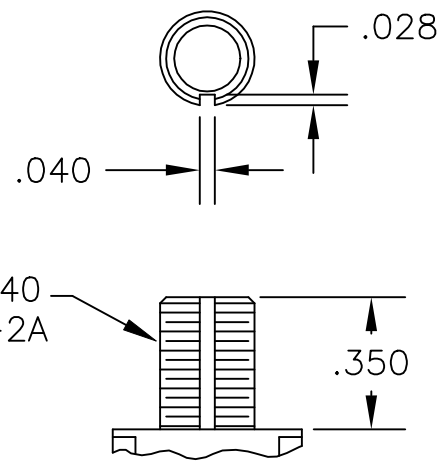
B

BUSHINGS



D THREADED

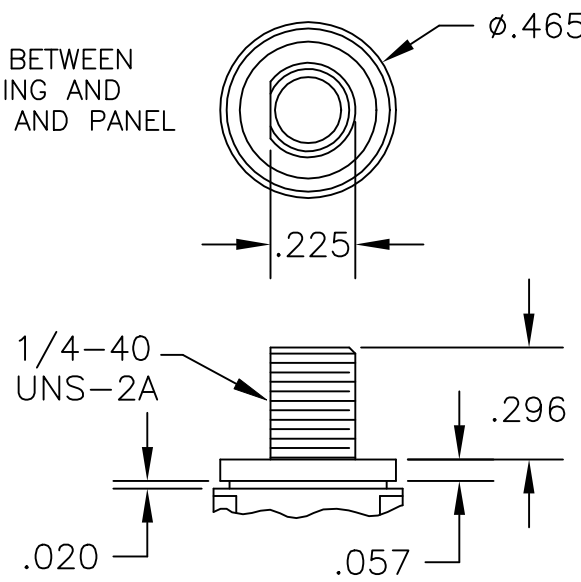
D9 UNTHREADED



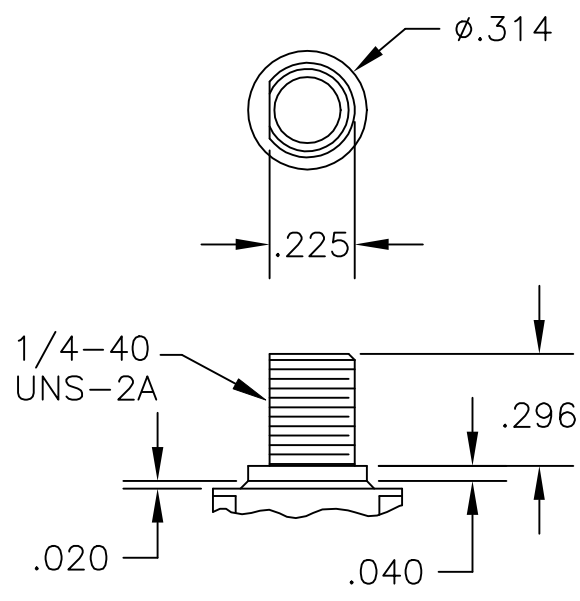
Y THREADED

Y9 UNTHREADED

CONTAINS O-RING BETWEEN TOGGLE AND BUSHING AND BETWEEN BUSHING AND PANEL



CW THREADED SPLASHPROOF



H HIGH TORQUE

A

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M. ZITTO 18MAY05

CHK M. ZITTO

APVD M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE, 3 POSITION FUNCTIONS (03, 05 & 07)

SIZE A2 CAGE CODE 00779 DRAWING NO C=1825137

RESTRICTED TO

SCALE 3:1 SHEET 2 OF 4 REV A8

4

3

2

1

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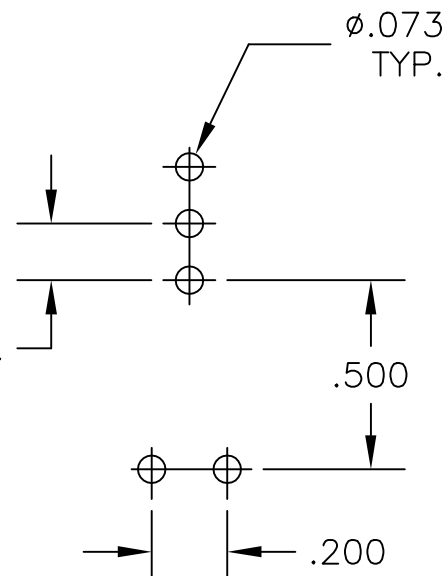
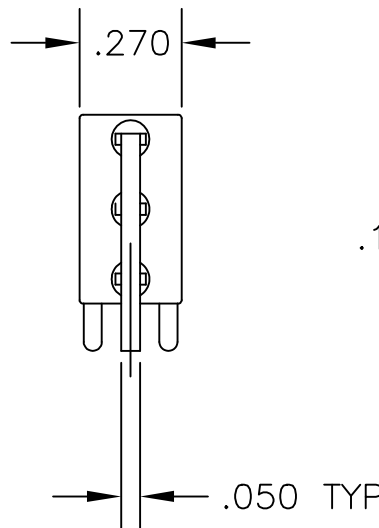
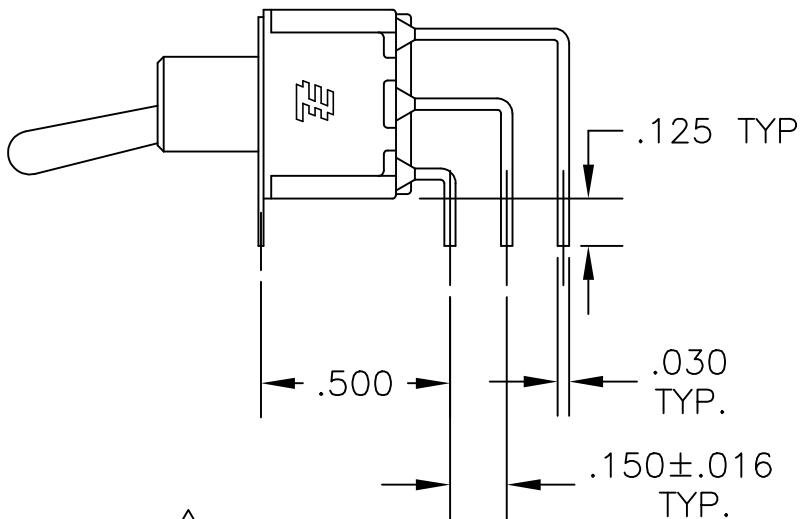
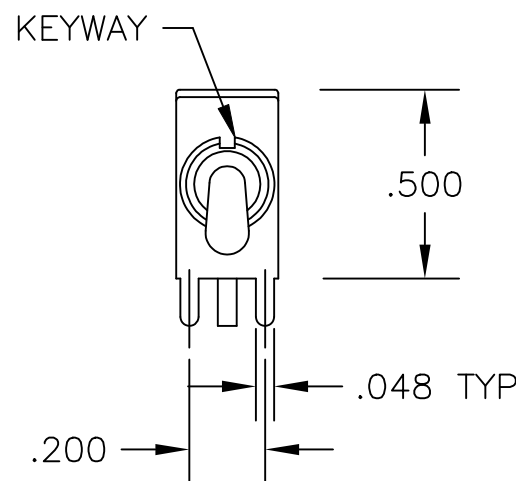
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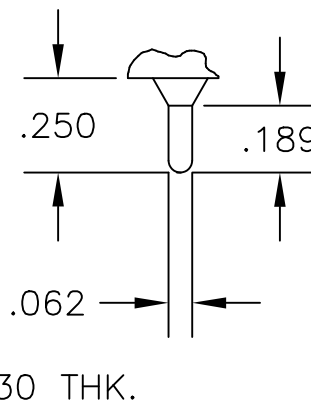
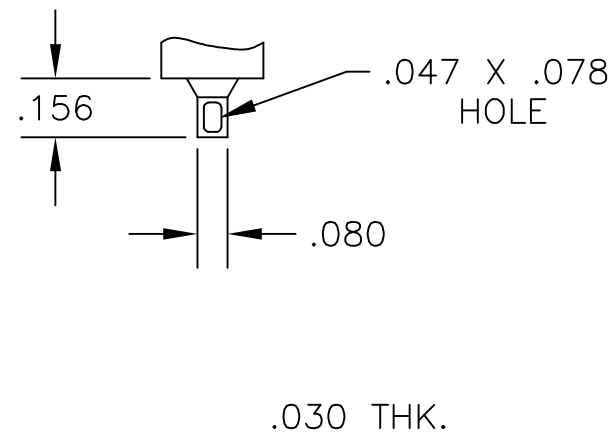
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REVISIONS

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



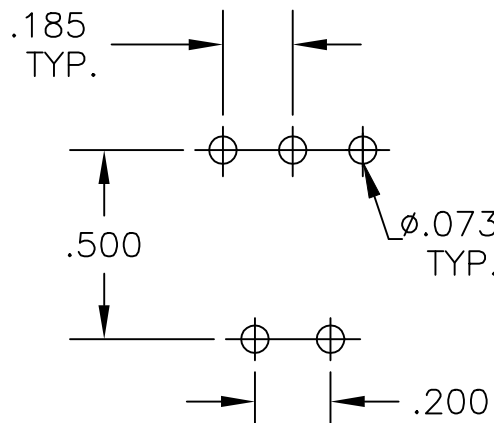
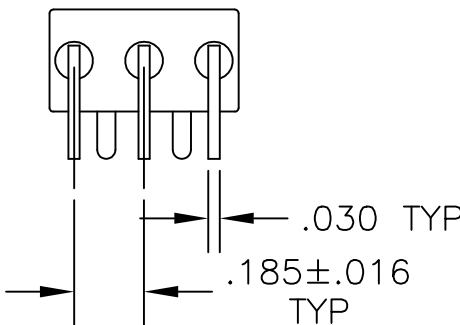
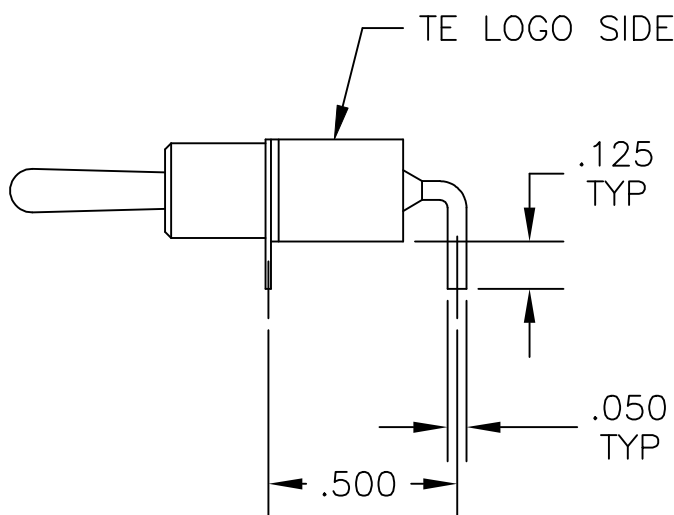
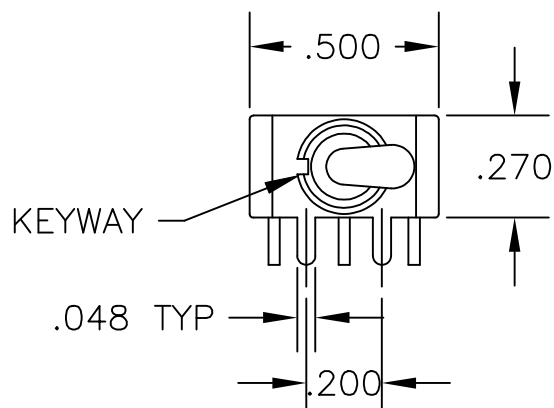
RECOMMENDED
PCB LAYOUT



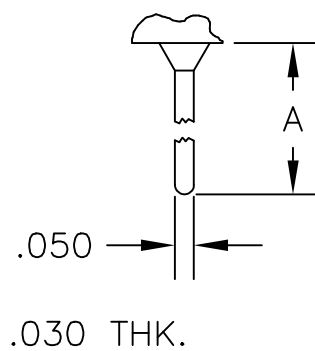
AV2 VERTICAL RIGHT ANGLE

Z WIRE LUG

Z3 QUICK CONNECT



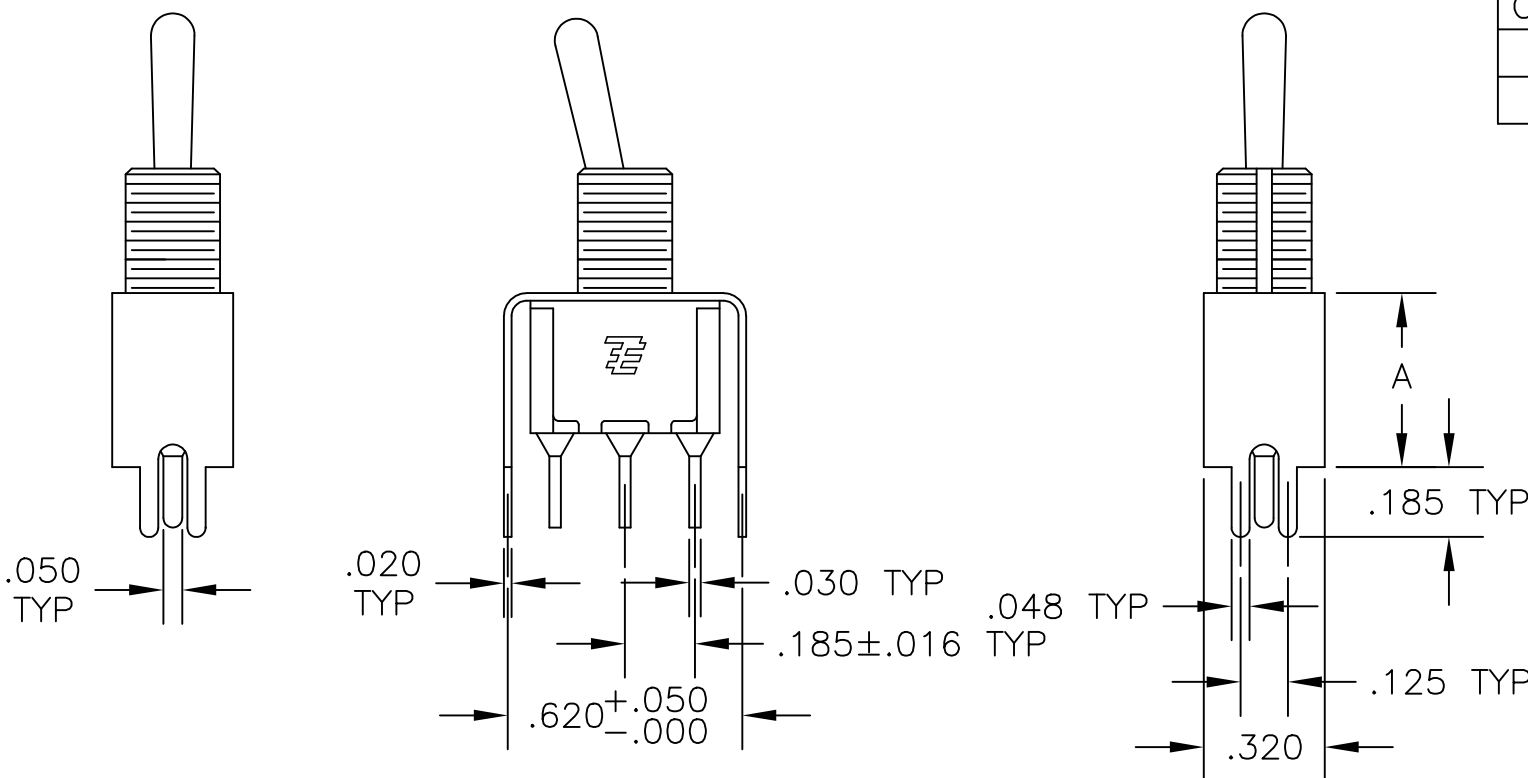
RECOMMENDED
PCB LAYOUT



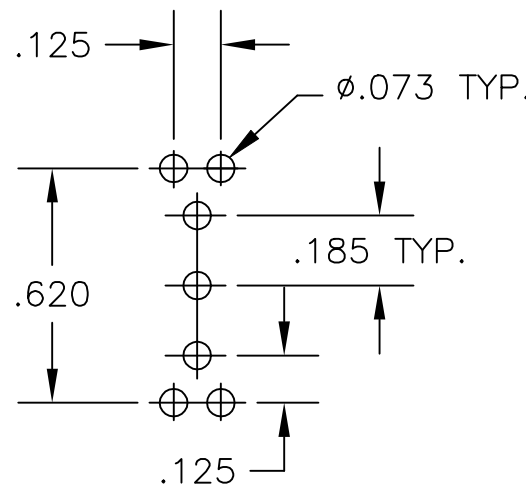
OPTION	DIM A
W	.736
W4	1.062

A RIGHT ANGLE

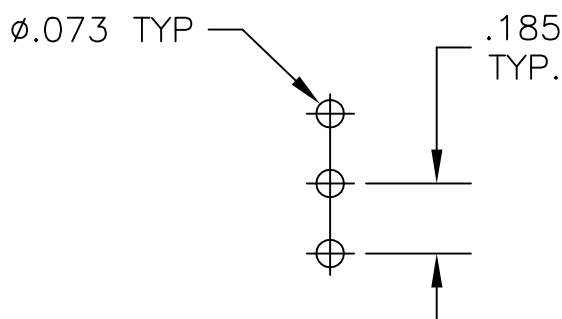
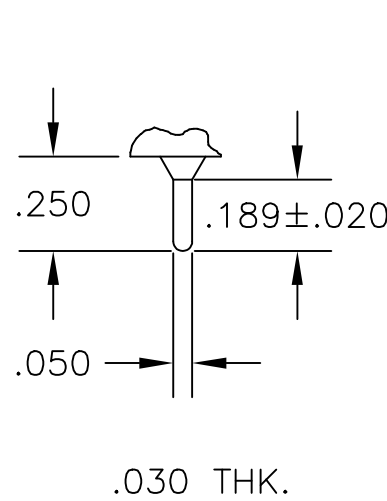
W W4 WIRE WRAP



OPTION	DIM A
V30	.460
V40	.630



RECOMMENDED
PCB LAYOUT



RECOMMENDED
PCB LAYOUT

C PRINTED CIRCUIT

V30 V40
VERTICAL SUPPORT BRACKET

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DWN M. ZITTO 18MAY05

CHK M. ZITTO

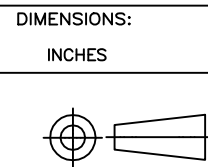
APVD M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL

FINISH



TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE,
3 POSITION FUNCTIONS (03, 05 & 07)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1825137

SCALE

3:1

SHEET

3 of 4

REV

A8

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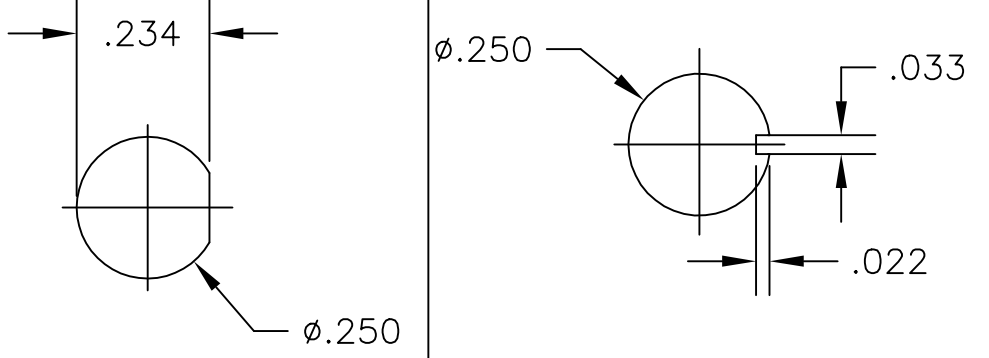
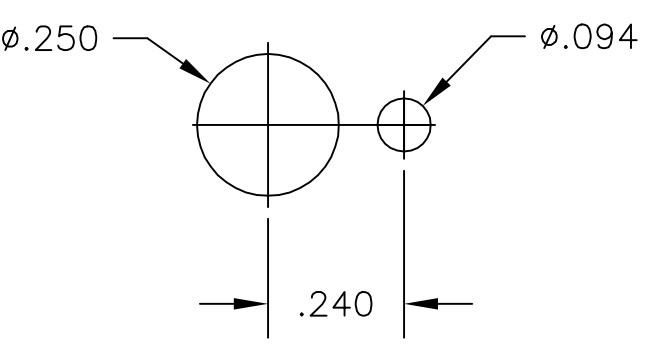
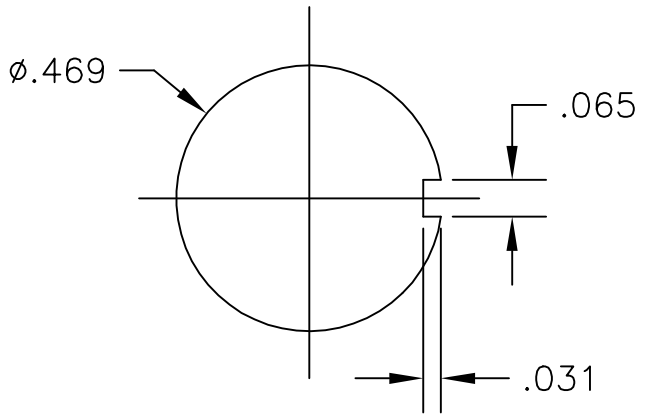
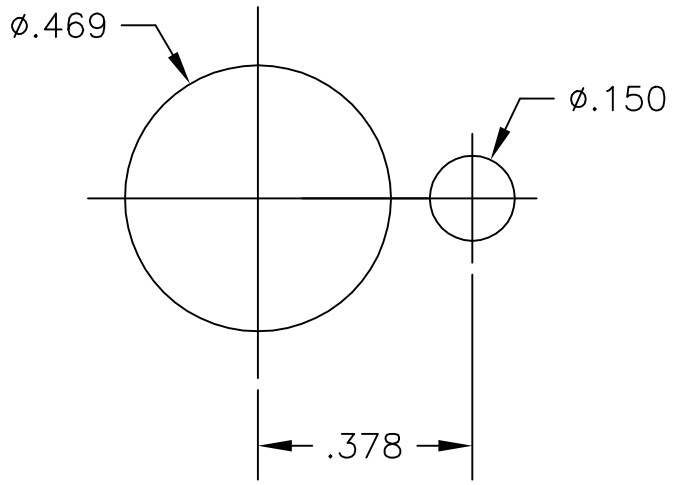
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REVISIONS

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

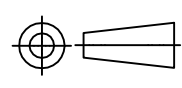
Alco P/N	P/N	
A103KZQ04	1825137-1	
A103MD9AB04	1825137-2	OBSOLETE
A103MD9AG04	1825137-3	
A103MD9AQ04	1825137-4	OBSOLETE
A103MD9AV2B04	1825137-5	
A103P3ZQ04	1825137-6	
A103SD9AQ04	1825137-7	
A103SD9AV2B04	1825137-8	
A103SD9AV2Q04	1825137-9	OBSOLETE
A103SDCB04	1-1825137-0	
A103SDCQ04	1-1825137-1	
A103SDZQ04	1-1825137-2	
A103SYAQ04	1-1825137-3	
A103SYAV2Q04	1-1825137-4	
A103SYCB04	1-1825137-5	
A103SYCQ04	1-1825137-6	
A103SYWB04	1-1825137-7	
A103SYWQ04	1-1825137-8	OBSOLETE
A103SYZB04	1-1825137-9	
A103SYZQ04	2-1825137-0	
A103T1CG04	2-1825137-1	OBSOLETE
A103T1ZQ04	2-1825137-2	
A103TZQ04	2-1825137-3	
A105MD9AB04	2-1825137-4	
A105MD9AQ04	2-1825137-5	OBSOLETE
A105MYV30Q04	2-1825137-6	
A105P3CG04	2-1825137-7	
A105P3CQ04	2-1825137-8	OBSOLETE
A105P3ZQ04	2-1825137-9	
A103MDAB04	3-1825137-0	OBSOLETE
A105SD9AB04	3-1825137-1	
A105SD9AV2Q04	3-1825137-2	
A105SD9V30B04	3-1825137-3	
A105SYAB04	3-1825137-4	OBSOLETE
A105SYAV2B04	3-1825137-5	
A105SYCB04	3-1825137-6	
A105SYCQ04	3-1825137-7	
A105SYZB04	3-1825137-8	
A105SYZQ04	3-1825137-9	
A105T1ZB04	4-1825137-0	OBSOLETE
A105T1ZQ04	4-1825137-1	
A105TZQ04	4-1825137-2	
A107KAV2Q04	4-1825137-3	
A107KZB04	4-1825137-4	
A107MD9AV2B04	4-1825137-5	OBSOLETE
A107MD9CQ04	4-1825137-6	
A107MD9V30Q04	4-1825137-7	
A107P3ZQ04	4-1825137-8	
A107SYAQ04	4-1825137-9	OBSOLETE
A107SYCB04	5-1825137-0	
A107SYCQ04	5-1825137-1	
A107SYZQ04	5-1825137-2	
A107TZB04	5-1825137-3	
A105MD9AV2B	5-1825137-4	
A103MD9V30B04	5-1825137-5	
A103MCWCB04	5-1825137-6	OBSOLETE
A103SCWCB04	5-1825137-7	

RECOMMENDED PANEL CUT-OUTS

BUSHING SIZE	WITHOUT LOCKING RING	WITH STANDARD LOCKING RING
1/4		
15/32		

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	.000400 SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
LEVER	BRASS	CHROME
BUSHING	BRASS	NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	BRASS	TIN
PIVOT PIN	STEEL	NICKEL
LOCK WASHER	STAINLESS STEEL	
LOCKING RING	STAINLESS STEEL	
NUTS	C3604BD BRASS	NICKEL
TERMINAL SEAL	EPOXY	

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 A SERIES TOGGLE SWITCH, SINGLE POLE, 3 POSITION FUNCTIONS (03, 05 & 07)							
	1 PLC ± -	—								
	2 PLC ± -	APPLICATION SPEC								
	3 PLC ± .010	—	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO			
MATERIAL —	4 PLC ± -	—	A2		00779		C=1825137		—	
	ANGLES ± 2°	WEIGHT								
	FINISH	CUSTOMER DRAWING	SCALE		SHEET		REV			
	—		3:1		4 of 4		A8			