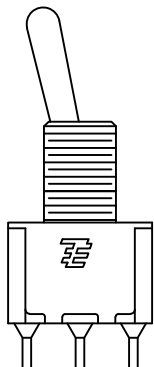
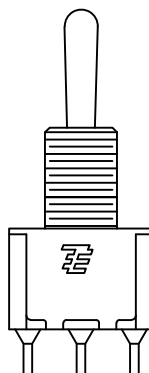
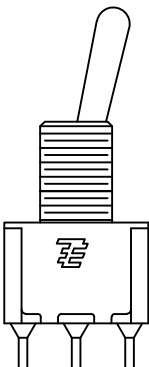




FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2

None: No mechanical position
Off: Mechanical position with no electrical connection
(On): Momentary action

PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
MPLE: A101SYCQ04	A1	01	K	CW	A	B
		08	K1	D	AV2	G
			L	D9	C	Q
			L1	H	V30	
			L2	Y	V40	
			M	Y9	W	
			P3		W4	
			S		Z	
			T		Z3	
			T1			

SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.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

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN B.S.VISWESWARA		14APR05					TE Connectivity					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M.ZITTO		APVD P.BROUILLETTE		NAME							
		0 PLC ± -		PRODUCT SPEC		GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE, 2 POSITION FUNCTIONS (01 & 08)									
		1 PLC ± -		—											
		2 PLC ± -		APPLICATION SPEC											
3 PLC ± .010		—		—		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
4 PLC ± ± 2°		ANGLES		—		A2		00779		C-1825136		—			
MATERIAL —		FINISH —		WEIGHT											
CUSTOMER DRAWING										SCALE 3:1		SHEET 1 of 4		REV Δ8	

S STANDARD

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



NO BUSHING OPTION NEEDED



NO BUSHING OPTION NEEDED



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



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



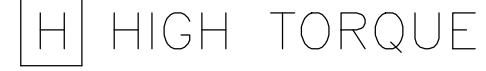
DIM L	BUSHING TYPE
.550	Y, H
.620	D, D9




D9 UNTHREADED



CW THREADED SPLASHPROOF



DWN	14APR05
R S VISWESWARA	

DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	
INCHES			
	0 PLC	±	—
	1 PLC	±	—
	2 PLC	±	—
	3 PLC	±	.010
	4 PLC	±	—
	ANGLES		± .2°
MATERIAL	FINISH		
—	—		

DWN	14APR05
B.S.VISWESWARA	
CHK	
M.ZITTO	
APVD	-
P.BROUILLETTE	
PRODUCT SPEC	
—	
APPLICATION SPEC	
—	
WEIGHT	—
CUSTOMER DRAWING	

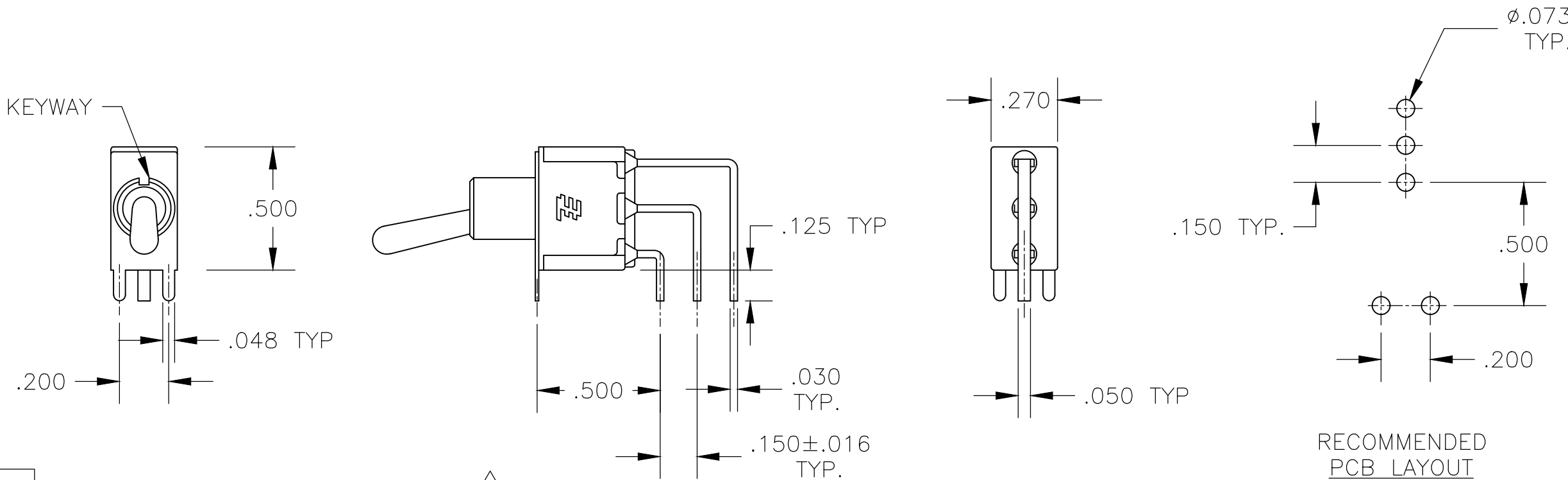
TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE,
2 POSITION FUNCTIONS (01 & 08)

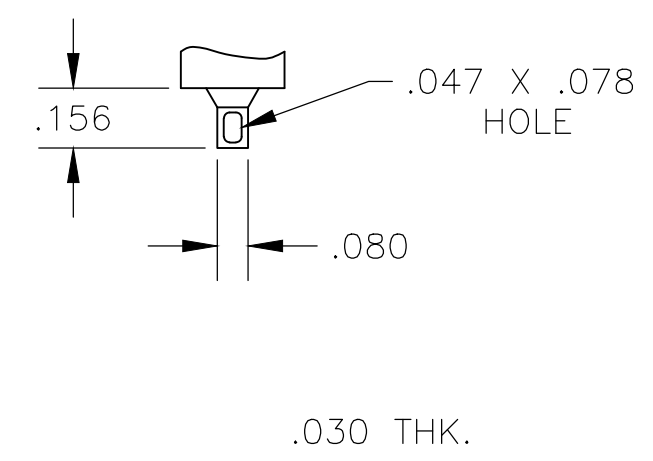
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
A2	00779	G-1825136	—		
		SCALE	SHEET	REV	
		2:1	2 of 4	A8	

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

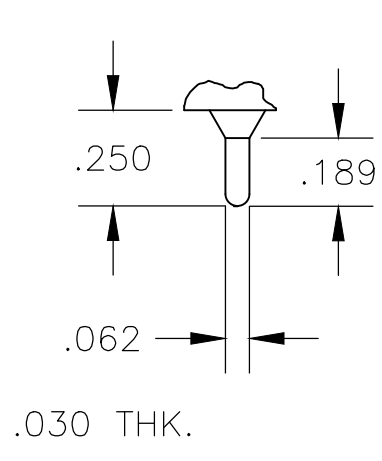
D



AV2 VERTICAL RIGHT ANGLE 5

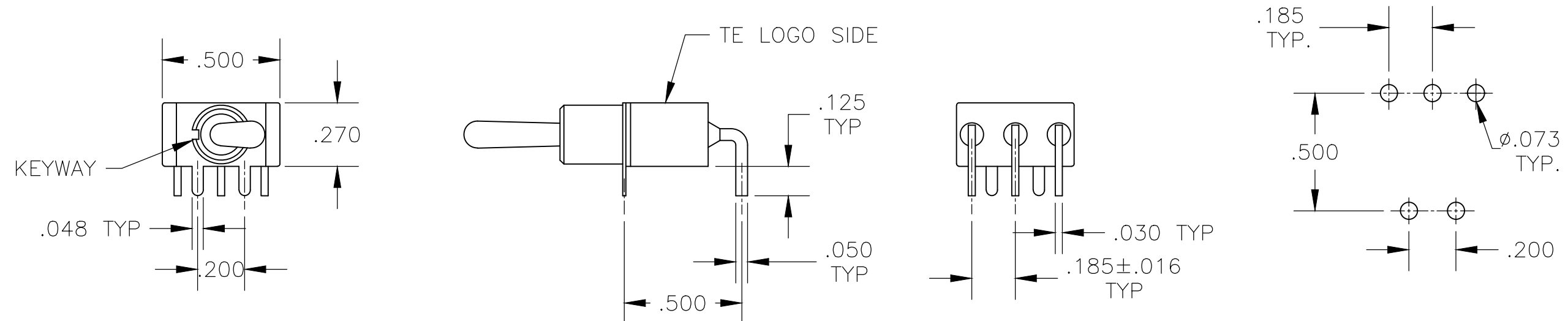


Z WIRE LUG

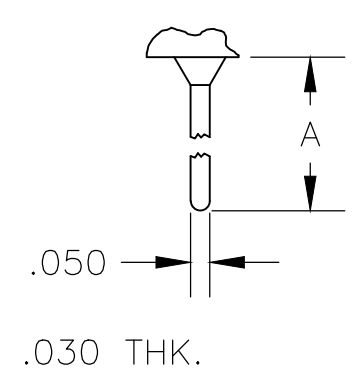


Z3 QUICK CONNECT

C



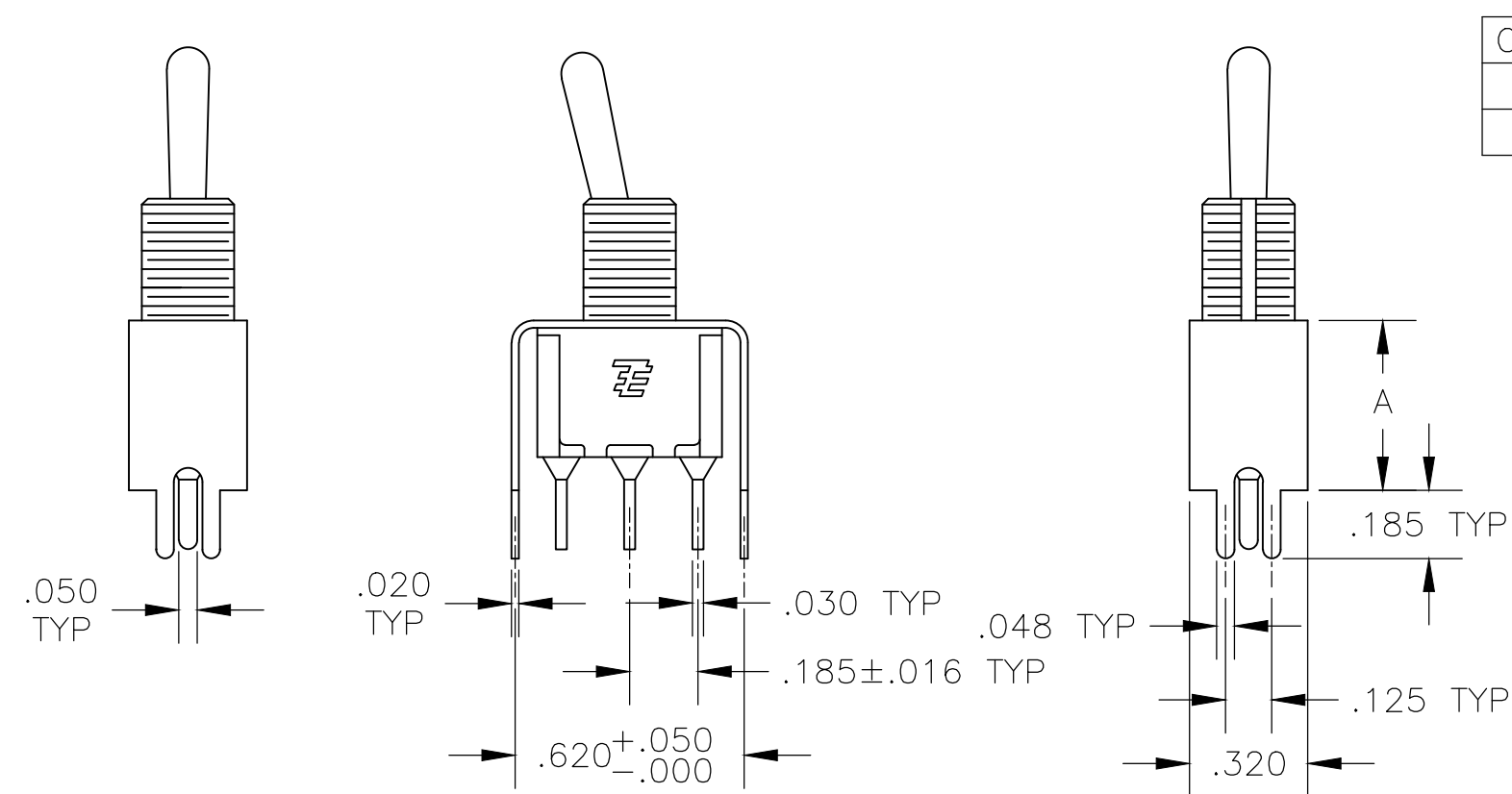
A RIGHT ANGLE 5



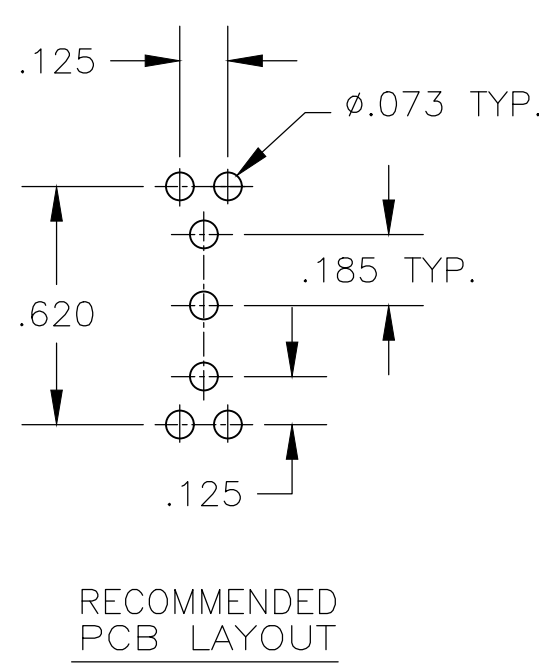
OPTION	DIM A
W	.736
W4	1.062

W W4 WIRE WRAP

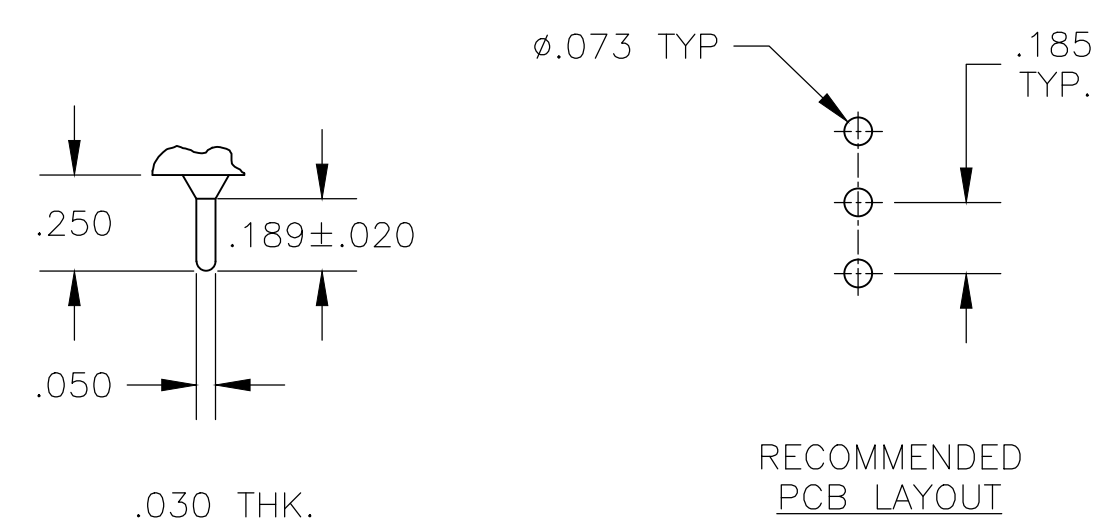
B



V30 V40 5
VERTICAL SUPPORT BRACKET



RECOMMENDED PCB LAYOUT



C PRINTED CIRCUIT

A

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DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 2°

FINISH

-

DWN
B.S.VISWESWARA

CHK
M.ZITTO

APVD
P.BROUILLETTE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

14APR05

NAME

GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE, 2 POSITION FUNCTIONS (01 & 08)

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1825136

RESTRICTED TO

-

SCALE

2:1

SHEET

3 OF 4

REV

A8

TE Connectivity

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REVISIONS

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

Alco P/N	P/N
A101K1V30B04	1825136-1
A101KAB04	1825136-2
A101KAQ04	1825136-3
A101P3YV30B04	1825136-4
OBSOLETE A101KCQ04	1825136-5
A101KD9AQ04	1825136-6
A101KZQ04	1825136-7
A101SYAV2B04	1825136-8
A101L1D9V30Q04	1825136-9
OBSOLETE A101L1YZB04	1-1825136-0
OBSOLETE A101LDZQ04	1-1825136-1
A101MD9AB04	1-1825136-2
A101MD9AG04	1-1825136-3
A101MD9AQ04	1-1825136-4
A101MD9AV2B04	1-1825136-5
OBSOLETE A101MD9AV2G04	1-1825136-6
A101MD9AV2Q04	1-1825136-7
OBSOLETE A101MD9V30B04	1-1825136-8
A101MDAQ04	1-1825136-9
A101MDAV2B04	2-1825136-0
A101MDCG04	2-1825136-1
A101MDZQ04	2-1825136-2
OBSOLETE A101MYCQ04	2-1825136-3
A101MYZQ04	2-1825136-4
A103SYAV2B04	2-1825136-5
A101P3CB04	2-1825136-6
A101P3ZQ04	2-1825136-7
A101KAV2Q04	2-1825136-8
OBSOLETE A101MDCQ04	2-1825136-9
OBSOLETE A101SCWCQ004	3-1825136-0
A101SCWZQ04	3-1825136-1
A101SD9AB04	3-1825136-2
A101SD9AQ04	3-1825136-3
OBSOLETE A101SD9AV2B04	3-1825136-4
A101SD9AV2Q04	3-1825136-5
A101SD9V30B04	3-1825136-6
A101SD9V30Q04	3-1825136-7
A101SDCQ04	3-1825136-8
A101SDZQ04	3-1825136-9
A101SHZQ04	4-1825136-0
A101SY9CQ04	4-1825136-1
A101SYAB04	4-1825136-2
A101SYAQ04	4-1825136-3
A101SYCB04	4-1825136-4
A101SYCQ04	4-1825136-5
OBSOLETE not assigned	4-1825136-6
A101SYWQ04	4-1825136-7
A101SYZB04	4-1825136-8

Alco P/N	P/N
A101SYZQ04	4-1825136-9
OBSOLETE not assigned	5-1825136-0
OBSOLETE not assigned	5-1825136-1
A101T1ZB04	5-1825136-2
A101T1ZQ04	5-1825136-3
A101TCQ04	5-1825136-4
A101TZQ04	5-1825136-5
OBSOLETE A108MD9AB04	5-1825136-6
OBSOLETE not assigned	5-1825136-7
OBSOLETE A108P3CQ04	5-1825136-8
OBSOLETE A108P3ZQ04	5-1825136-9
OBSOLETE A108SD9AQ04	6-1825136-0
A108SDZQ04	6-1825136-1
A108SYCB04	6-1825136-2
A108SYCQ04	6-1825136-3
A108SYZQ04	6-1825136-4
OBSOLETE not assigned	6-1825136-5
OBSOLETE A101SYAG04	6-1825136-6

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	

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

FINISH

-

DWN B.S.VISWESWARA 14APR05

CHK M.ZITTO

APVD P.BROUILLETTE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 0

CUSTOMER DRAWING

TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, SINGLE POLE, 2 POSITION FUNCTIONS (01 & 08)

SIZE A2

CAGE CODE 00779

DRAWING NO. 1825136

RESTRICTED TO

SCALE 3:1

SHEET 4 of 4

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