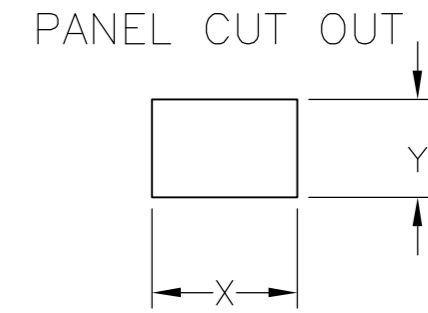
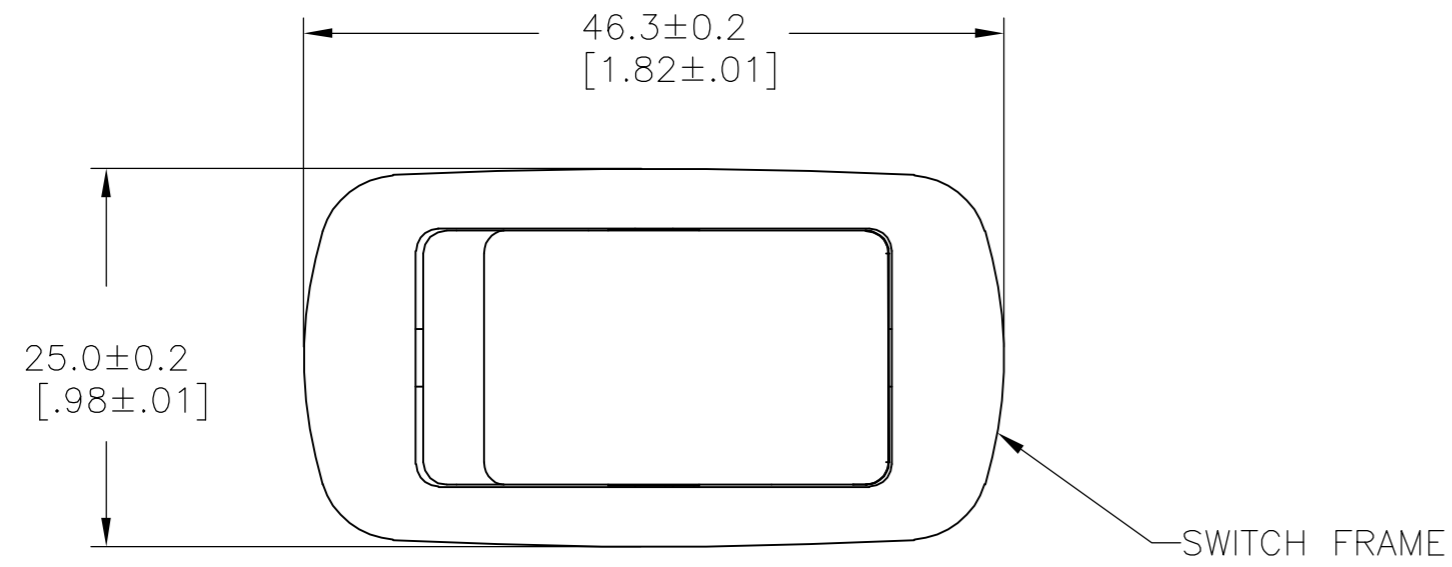
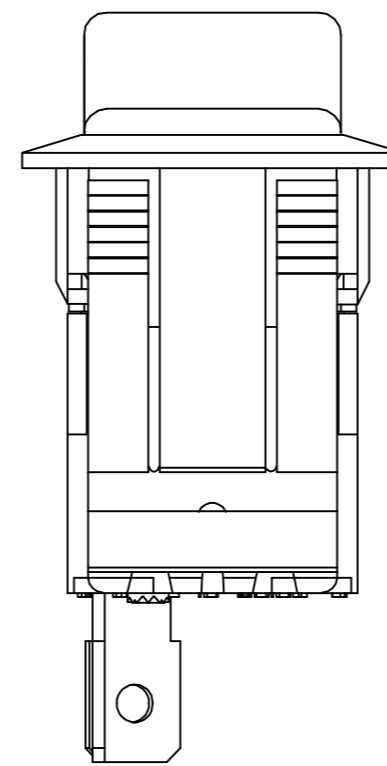
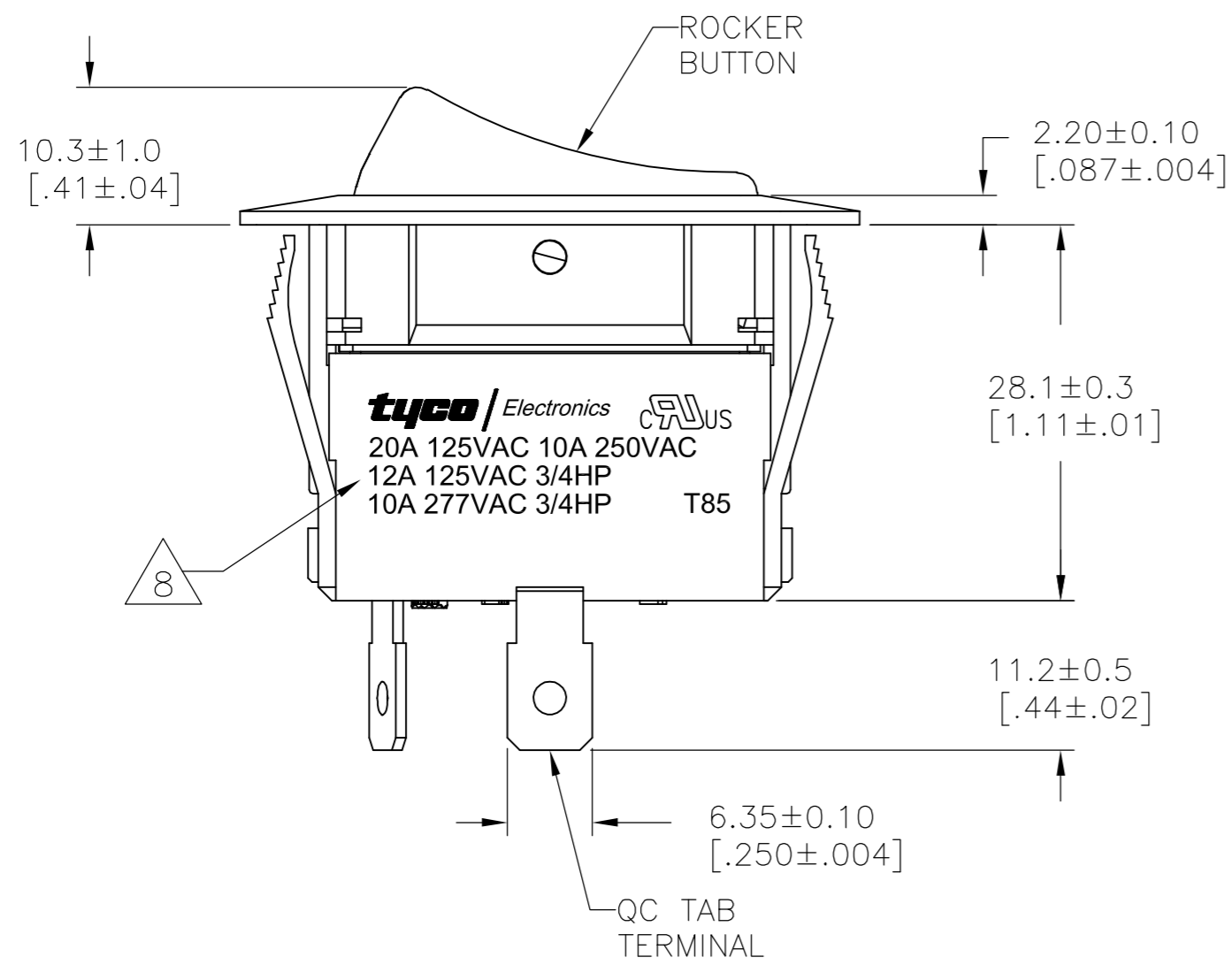


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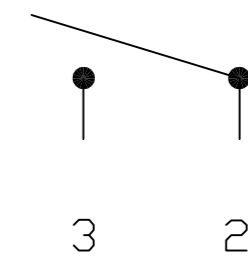
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P	LTR	DESCRIPTION		DATE	DWN	APVD	
C1		ECO-06-15659		13JUL06	MB	DR	



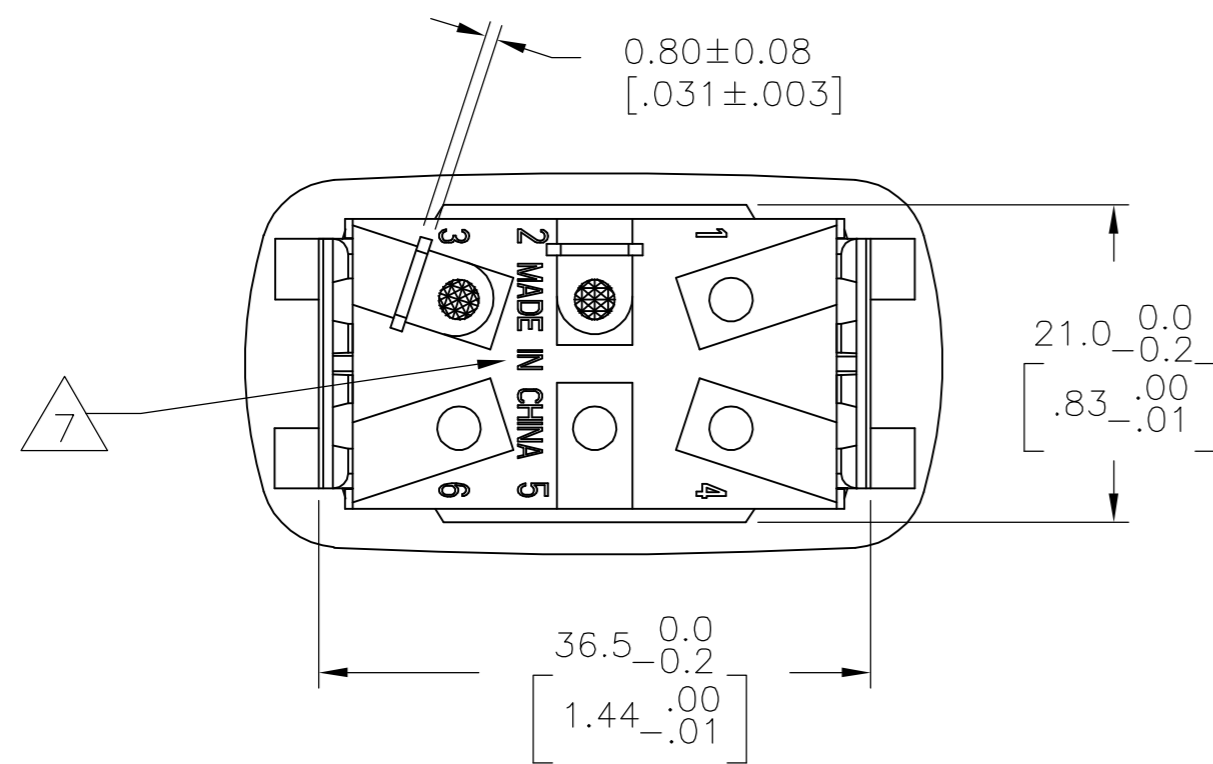
2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



SWITCH FUNCTION A1  
 CIRCUIT DIAGRAM



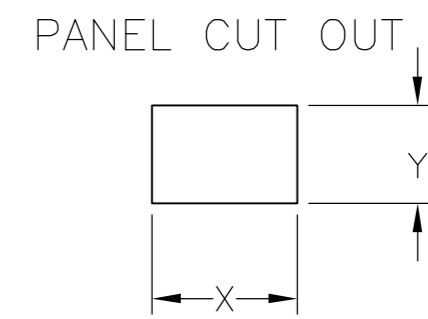
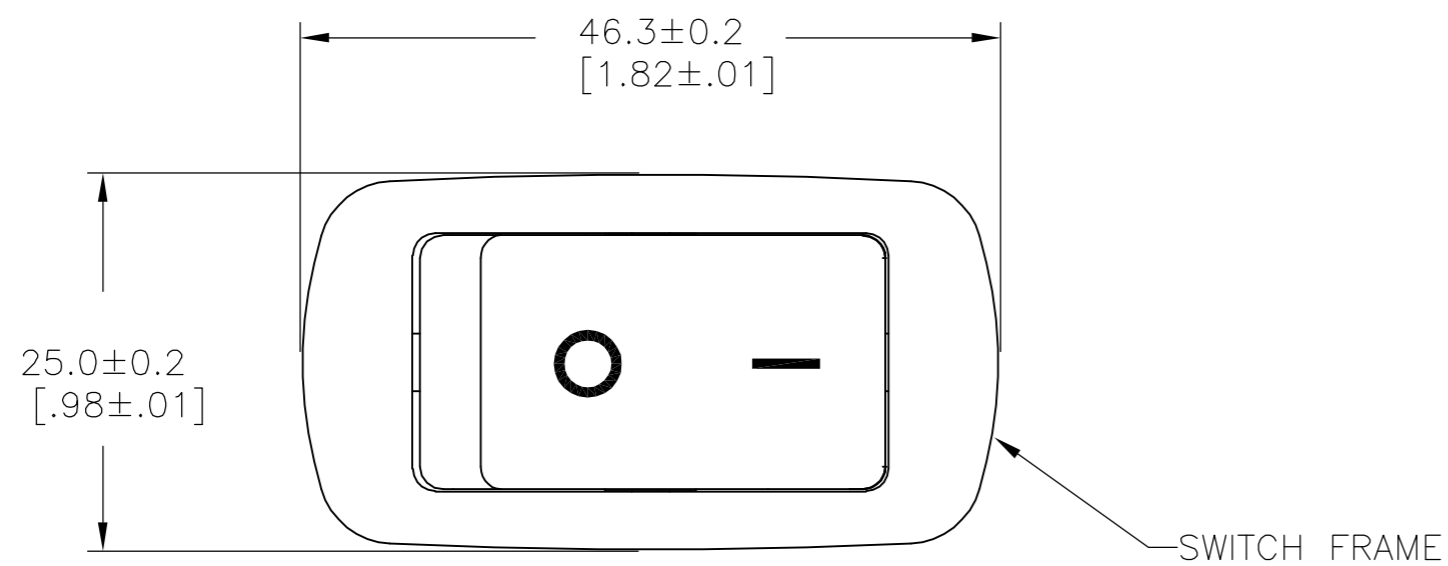
1571095-1  
 SHOWN



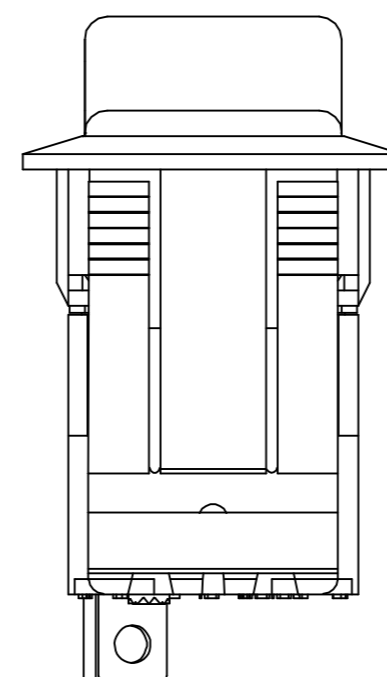
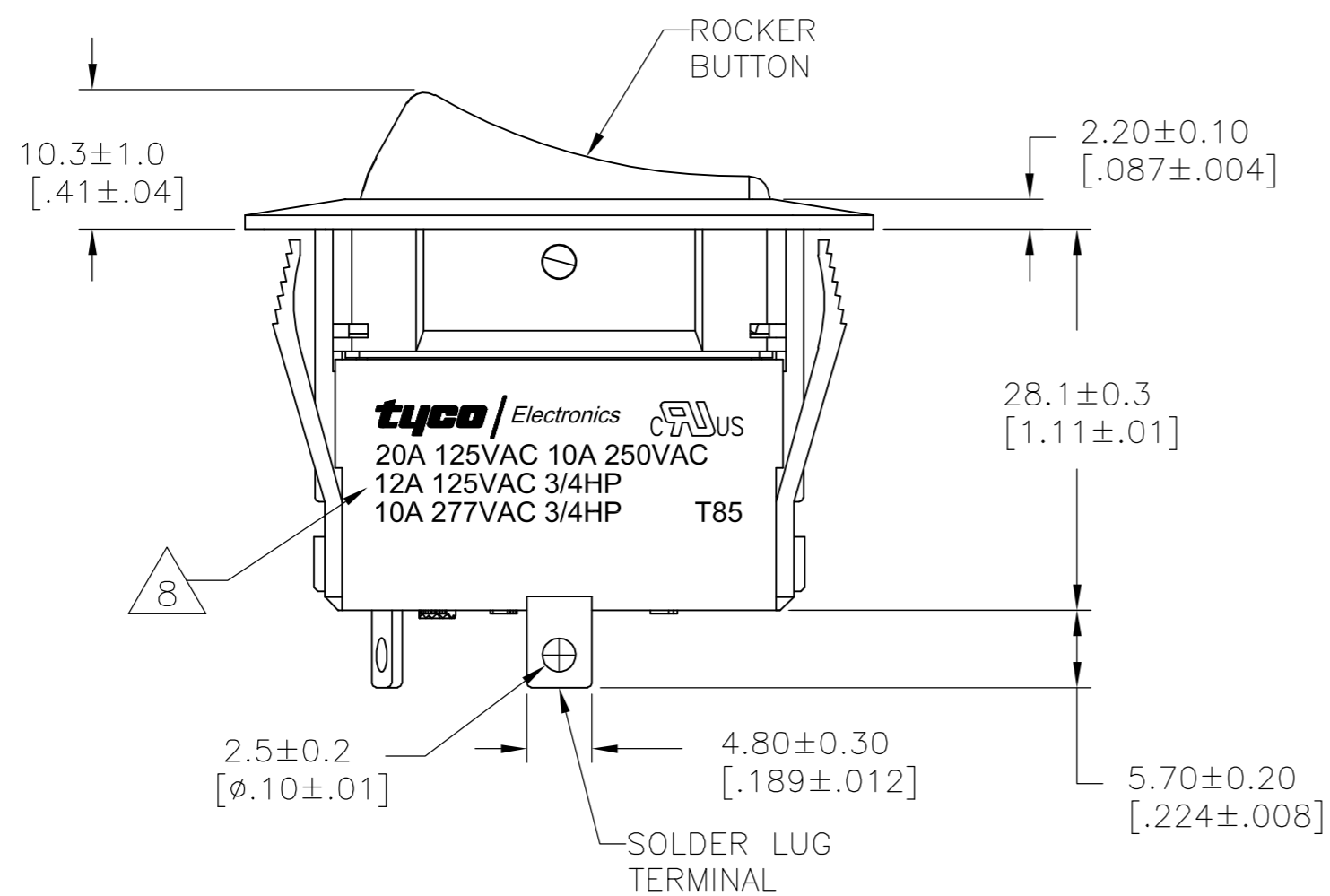
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D.ROHDE 16NOV05	NAME POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE SINGLE POLE, SINGLE THROW, NON-ILLUMINATED	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05	SIZE A2	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C=1571095
MATERIAL 1	FINISH 2	WEIGHT -	RESTRICTED TO -	SCALE 2:1
CUSTOMER DRAWING			SHEET 1 of 4	REV C1

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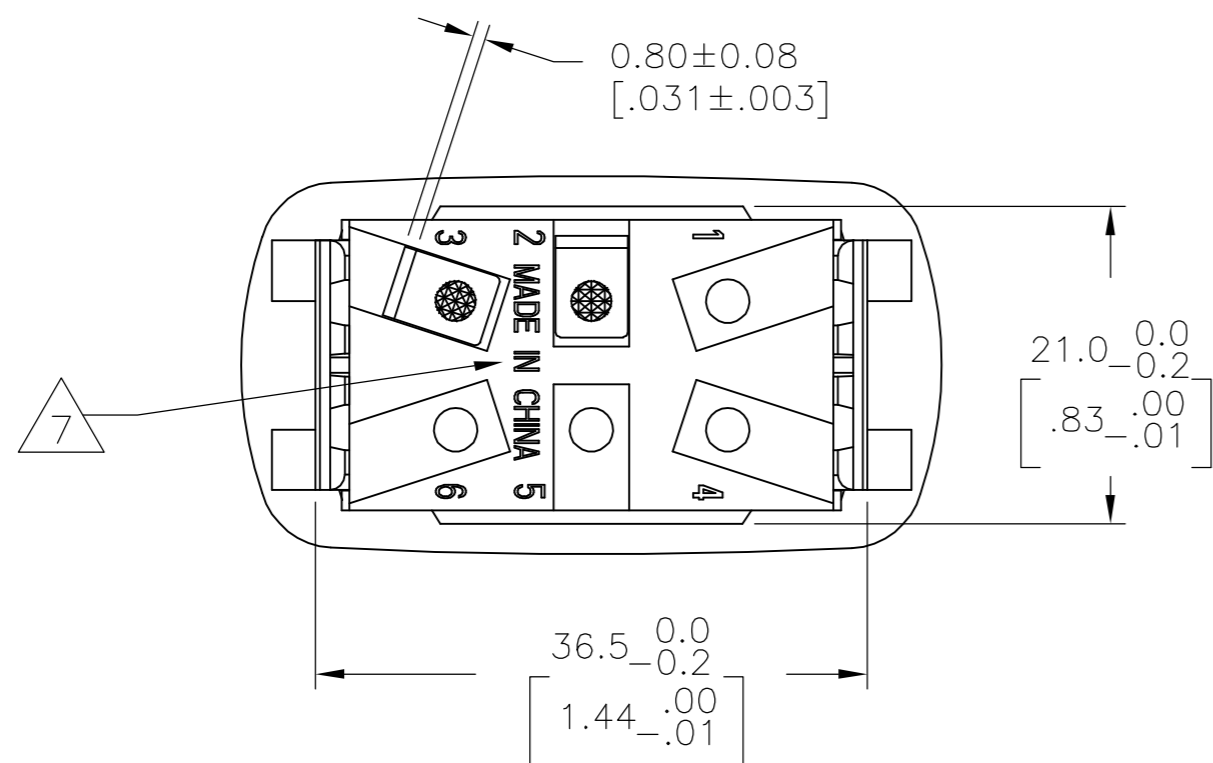
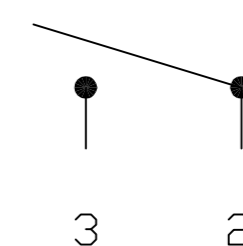
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-



2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



SWITCH FUNCTION A1  
 CIRCUIT DIAGRAM

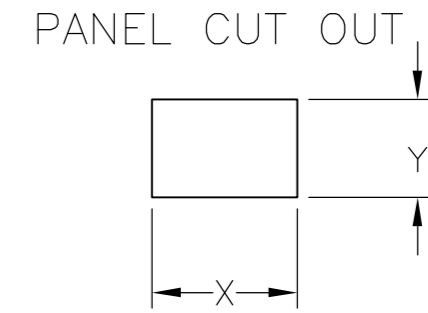
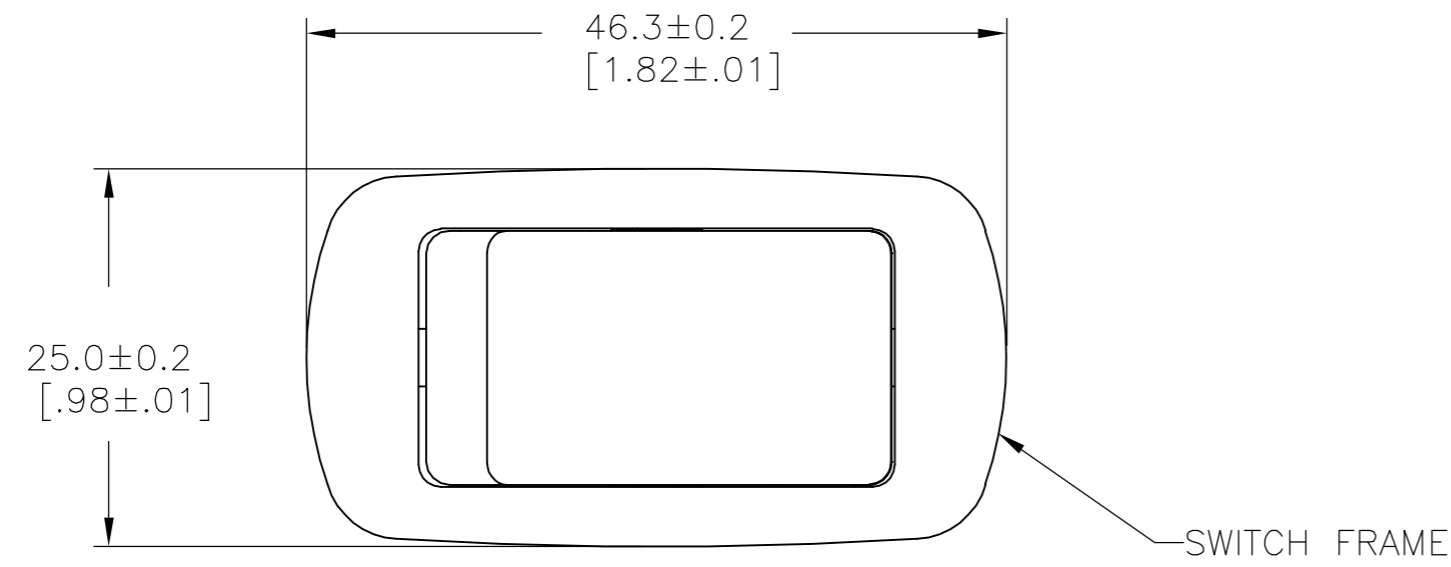


1571095-5  
 SHOWN

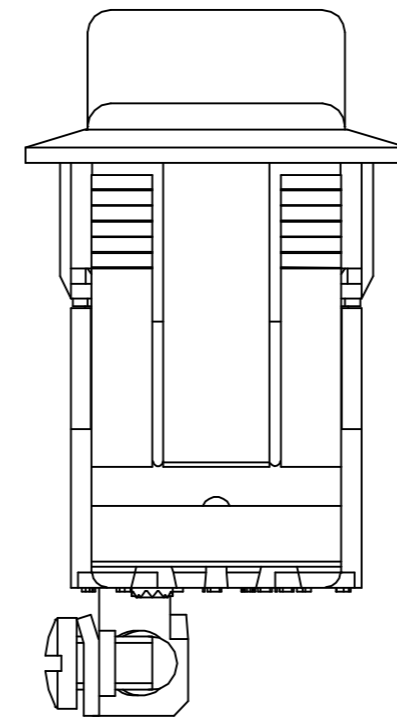
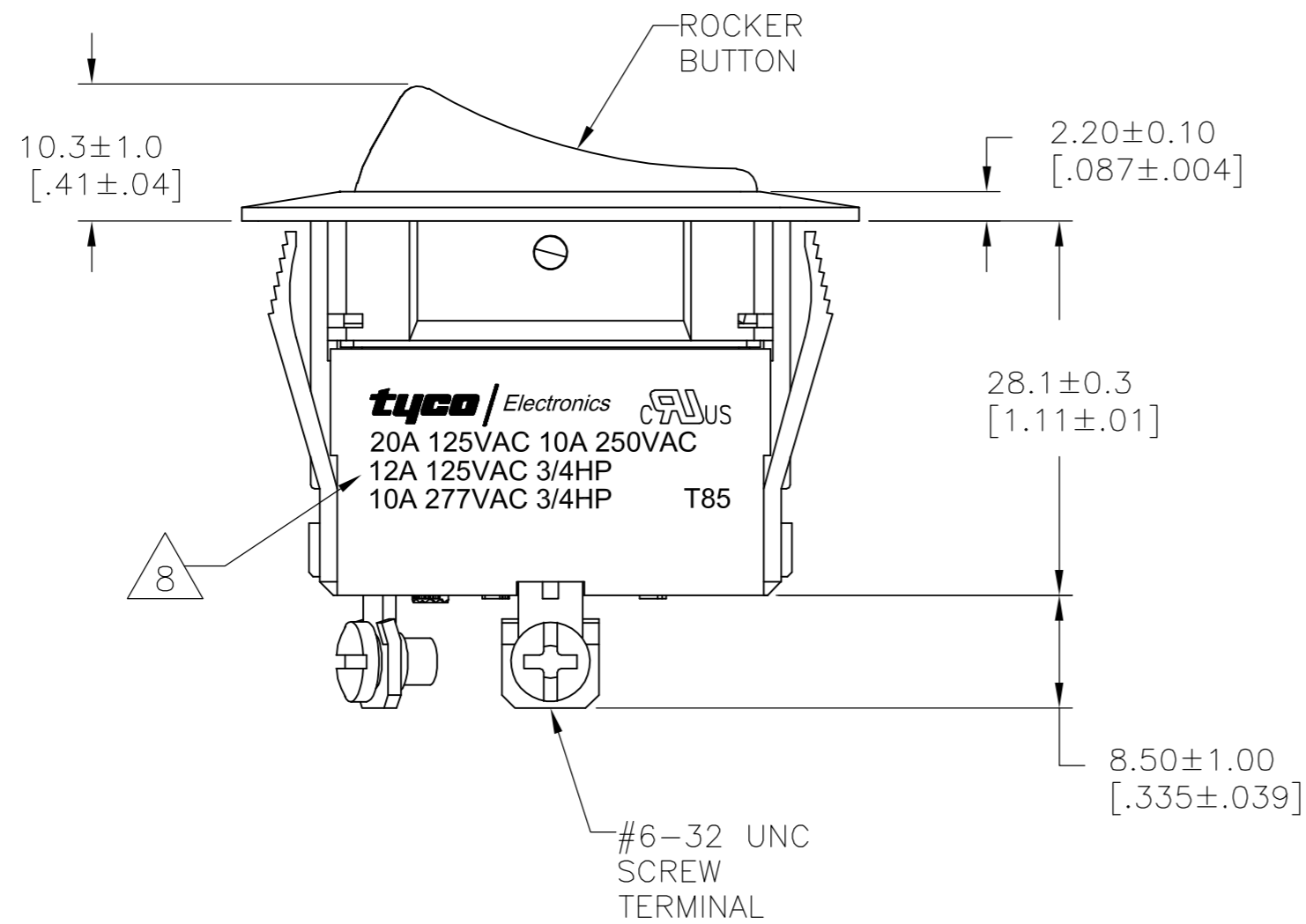
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL		FINISH		WEIGHT		SCALE		SHEET		REV	
mm	[INCHES]	0 PLC	± -	1 PLC	± -	1	2	-	2:1	2	of 4	C1			
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M.BINNER	25FEB2002		Tyco Electronics Corporation		Harrisburg, PA 17105-3608					
D.ROHDE				CHK	D.ROHDE	16NOV05		NAME		POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE SINGLE POLE, SINGLE THROW, NON-ILLUMINATED					
D.ROHDE				APVD	D.ROHDE	16NOV05		PRODUCT SPEC		SIZE		CAGE CODE		DRAWING NO	
APPLICATION SPEC				A2		00779		C=1571095		RESTRICTED TO		-			
CUSTOMER DRAWING				SCALE		2:1		SHEET		2		of 4		REV	

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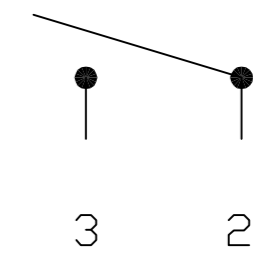
Loc	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-



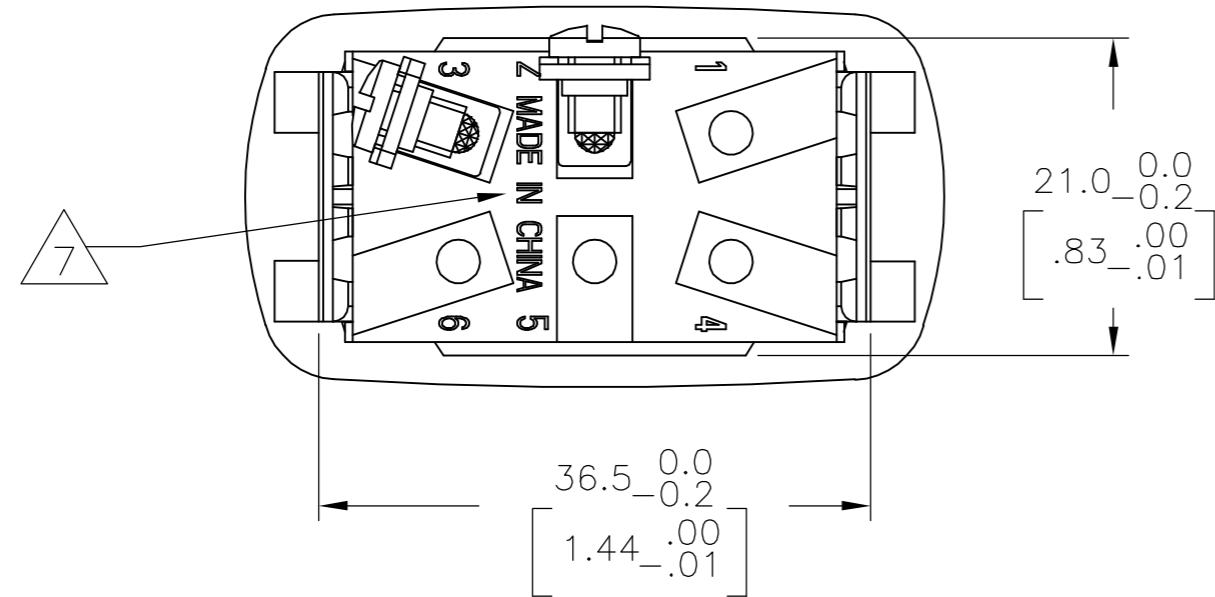
2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



SWITCH FUNCTION A1  
CIRCUIT DIAGRAM



1571095-9  
SHOWN



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL		FINISH		WEIGHT		SCALE		SHEET		REV	
mm	[INCHES]	0 PLC	± -	1	± -	1	± -	2	± -	2:1	3	4	C1		
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M.BINNER	25FEB2002	tyco Electronics Corporation		Harrisburg, PA 17105-3608		NAME		POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN		
D.ROHDE				CHK	D.ROHDE	16NOV05	D.ROHDE		16NOV05		PRODUCT SPEC		PANEL CUT-OUT SIZE		
D.ROHDE				APVD	D.ROHDE	16NOV05	APPLICATION SPEC		-		DRAWING NO		RESTRICTED TO		
-				MATERIAL		FINISH		WEIGHT		SCALE		SHEET		REV	
-				1		2		-		2:1		3 of 4		C1	

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

**1** MATERIALS:  
 ROCKER BUTTON, FRAME & HOUSING: NYLON 66, UL 94 V-2.  
 PLUNGER: PHENOLIC  
 SEAL: SILICONE RUBBER  
 SCREW TERMINAL, ACTIVE CONTACTOR, CONTACTOR SUPPORT: COPPER ALLOY PER ASTM B152  
 QC & SOLDER TERMINAL: COPPER ALLOY PER ASTM B036  
 SPRING: STEEL WIRE  
 CONTACTS: SILVER-TIN OXIDE

**2** FINISH:  
 CONTACTOR SUPPORT, ACTIVE CONTACTOR: 1.01µm [.000040] MIN SILVER  
 QC TERMINAL: 1.27µm [.000050] MIN NICKEL  
 SOLDER TERMINAL: 1.27µm [.000050] MIN TIN

**3** ELECTRICAL SPECIFICATIONS:  
 CURRENT AND VOLTAGE: **6**  
 CONTACT RESISTANCE (INITIAL): <50mΩ  
 DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE  
 INSULATION RESISTANCE (INITIAL): >100MΩ MIN (500VDC BETWEEN OPEN CONTACTS)  
 ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV  
 TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS  
 (AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

**4** MECHANICAL SPECIFICATIONS:  
 ACTUATING FORCE: 400g MIN, 1200g MAX  
 OPERATING LIFE ENDURANCE: >100,000 OPERATIONS  
 TERMINAL RETENTION FORCE: >9kg- SOLDER LUG  
 >9kg- QC TAB  
 >6.8kg- #6-32 SCREW

**5** ENVIRONMENTAL SPECIFICATIONS:  
 AMBIENT TEMPERATURE: -20°C TO +85°C  
 DEGREE OF PROTECTION: IP66

**6** 20A 125VAC, 10A 250VAC/12A 125VAC, 3/4HP/ 10A 277VAC, 3/4HP

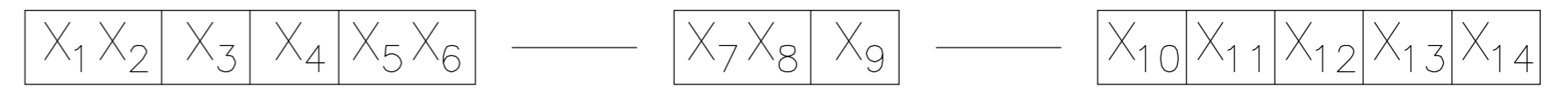
**7** COUNTRY OF ORIGIN AND TERMINAL IDENTIFICATION NUMBERS MOLDED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

**8** ELECTRICAL RATINGS, APPROVED AGENCY LOGOS AND THE TYCO ELECTRONICS LOGO INK MARKED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

**9** COMPONENT RECOGNIZED TO US & CANADIAN STANDARDS, UL FILE NO. E46765.

**10** ROHS 2002/95/EC COMPLIANT

ALCOSWITCH PART NUMBER



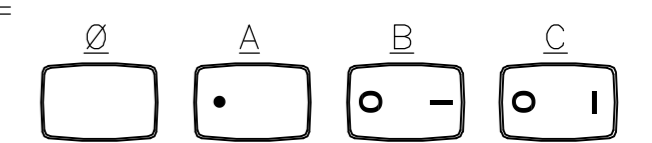
SWITCH TYPE: X1X2 = PR - POWER ROCKER SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

PANEL CUT OUT SIZE: X3 = C - 21.2x36.6 MIN [.835x1.441]

NUMBER OF POLES: X4 = S - SINGLE

SWITCH FUNCTION: X5X6 = A1-ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

LEGEND TEXT PATTERN: X13 =



CURRENT RATING: X7X8 = 20 - **6**

TERMINAL TYPE: X9 = E - QC TAB  
 L - SOLDER LUG  
 S - #6-32 UNC SCREW

FRAME COLOR: X10 = B - BLACK  
 W - WHITE

LEGEND TEXT COLOR: X14 = Ø - NOT APPLICABLE  
 G - GREEN  
 R - RED  
 B - BLACK  
 W - WHITE

ROCKER COLOR: X11 = B - BLACK  
 G - GREEN  
 R - RED  
 W - WHITE  
 Y - YELLOW

3	PRCSA1-20S-BB0CW	1-1571095-1
3	PRCSA1-20S-BB0BW	1-1571095-0
3	PRCSA1-20S-BB000	1571095-9
2	PRCSA1-20L-BR000	1571095-8
1	PRCSA1-20F-BR000	1571095-7
2	PRCSA1-20L-BB0CW	1571095-6
2	PRCSA1-20L-BB0BW	1571095-5
2	PRCSA1-20L-BB000	1571095-4
1	PRCSA1-20F-BB0CW	1571095-3
1	PRCSA1-20F-BB0BW	1571095-2
1	PRCSA1-20F-BB000	1571095-1
SHEET REF	ALCOSWITCH PART NUMBER	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	<b>tyco</b> Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK D.ROHDE 16NOV05	Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05	NAME POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN	
0 PLC ± -		PRODUCT SPEC	PANEL CUT-OUT SIZE	
1 PLC ± -		APPLICATION SPEC	SINGLE POLE, SINGLE THROW, NON-ILLUMINATED	
2 PLC ± -		WEIGHT	SIZE	CAGE CODE
3 PLC ± -		WEIGHT	A2	00779
4 PLC ± -		WEIGHT	C=	1571095
ANGLES ± -		CUSTOMER DRAWING	SCALE	SHEET
FINISH		CUSTOMER DRAWING	2:1	4 of 4
MATERIAL		REV	C1	