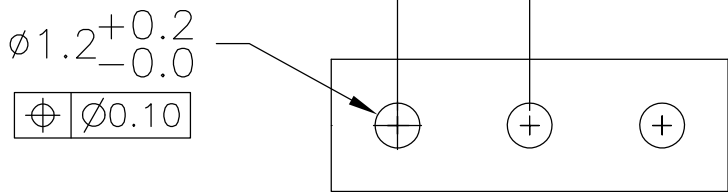
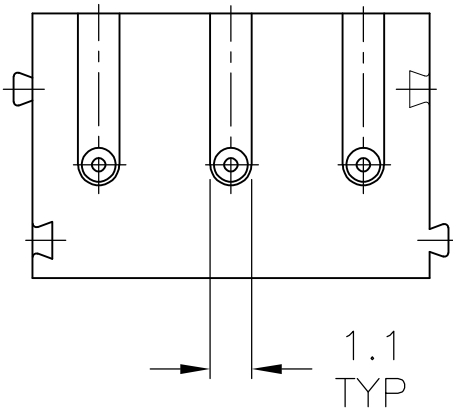
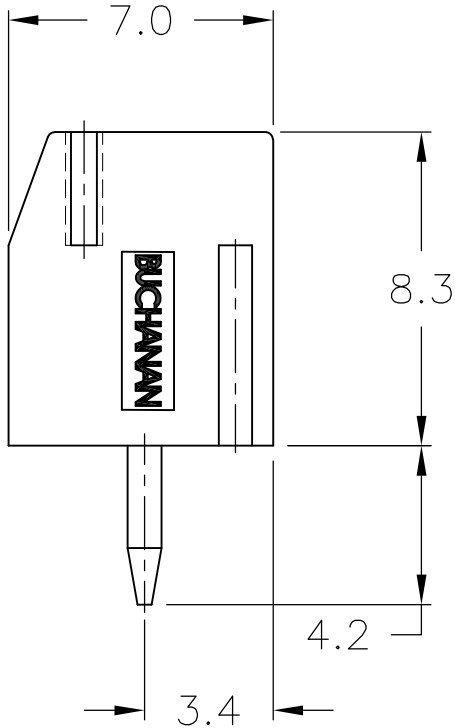
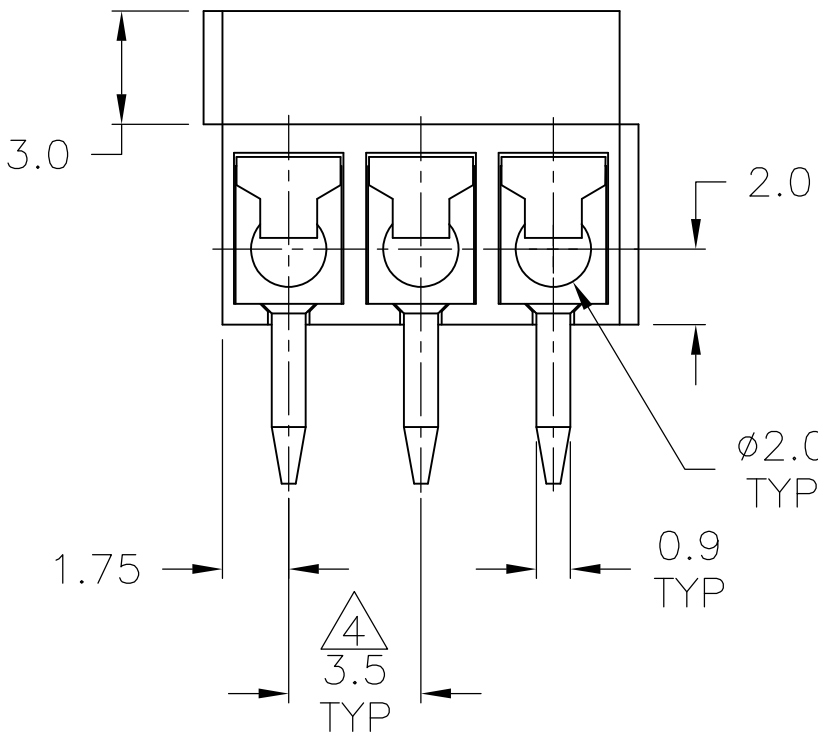
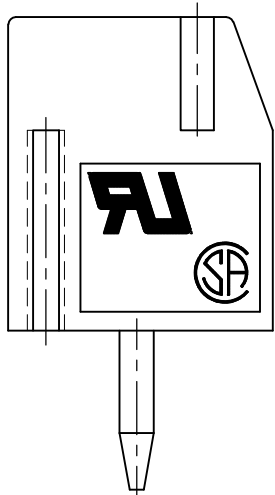
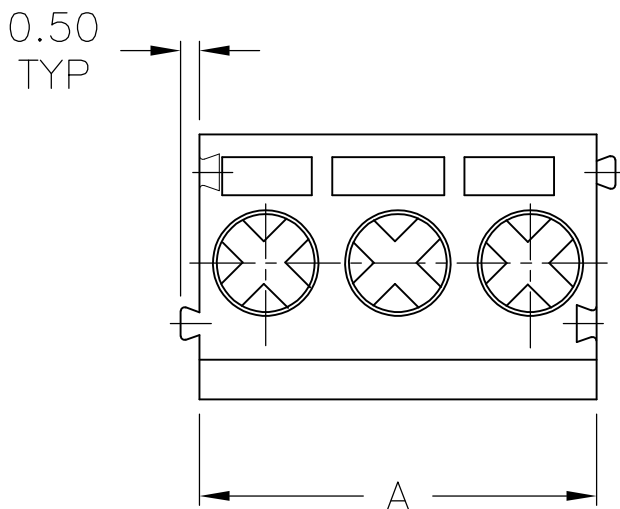



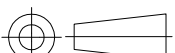
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0		R1	PCB LAYOUT ADDED HIGH TEMP PHRASE REMOVED	04MAY2016	FP	NG

- 1
- ALL DIMENSIONS ARE IN MM.
- 2
- RECOMMENDED PC BOARD HOLE DIAMETER: 1.20–1.40.
- 3
- BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION  
OPTIONAL WHERE SPACE PERMITS.
- △
- NON CUMULATIVE



RECOMMENDED PC BOARD  
LAYOUT

OBSOLETE	BLACK	42.00	12	4–1776275–2
	BLACK	28.00	8	3–1776275–8
	BLUE	84.00	24	2–1776275–4
	BLUE	80.50	23	2–1776275–3
	BLUE	77.00	22	2–1776275–2
OBSOLETE	BLUE	73.50	21	2–1776275–1
	BLUE	70.00	20	2–1776275–0
	BLUE	66.50	19	1–1776275–9
	BLUE	63.00	18	1–1776275–8
	BLUE	59.50	17	1–1776275–7
	BLUE	56.00	16	1–1776275–6
	BLUE	52.50	15	1–1776275–5
	BLUE	49.00	14	1–1776275–4
	BLUE	45.50	13	1–1776275–3
	BLUE	42.00	12	1–1776275–2
	BLUE	38.50	11	1–1776275–1
	BLUE	35.00	10	1–1776275–0
	BLUE	31.50	9	1776275–9
	BLUE	28.00	8	1776275–8
	BLUE	24.50	7	1776275–7
	BLUE	21.00	6	1776275–6
	BLUE	17.50	5	1776275–5
	BLUE	14.00	4	1776275–4
	BLUE	10.50	3	1776275–3
	BLUE	7.00	2	1776275–2
HOUSING COLOR		DIM A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	S	SCHLEGEL	5/5/05	 TE Connectivity					
				CHK	C	RICHARD	5/5/05						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	C	RICHARD	5/5/05	NAME					
		0 PLC ± -		PRODUCT SPEC		TB, PCB MOUNT, ST SIDE WIRE ENTRY, W/INTERLOCK, 3.5mm PITCH							
		1 PLC ± 0.3		—									
		2 PLC ± 0.25		APPLICATION SPEC									
		3 PLC ± -		—									
4 PLC ± -		ANGLES ± 2°		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL		FINISH				A2		00779		C=1776275		—	
—		—		CUSTOMER DRAWING		SCALE		4:1		SHEET		1 of 2	
												REV R1	

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC  
FT

DIST  
0

REVISIONS

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

1. APPLICATION AND FEATURES:

1-1. STANDARD SIZES ARE 2 AND 3 WAY-BLOCKS, BUT EVERY NUMBER OF CONTACT CAN BE COMBINED, BY SIMPLY PLUGGING THEM TOGETHER AND CAN BE ORDERED AS REQUIRED.

1-2. WITH WIRE GUARD FOR WIRE PROTECTION SO THAT THE SCREW DOESN'T PRESS DIRECTLY ON THE WIRE.

2. TECHNICAL DATA:

2-1. MATERIAL:

2-1-1. HOUSING: PA 6.6, UL 94 V-O, SEE TABLE.

2-1-2. METAL HOUSING: BRASS(Cu Zn) PLATING: NICKEL-TIN (Ni-Sn)

2-1-3. WIRE GUARD: STAINLESS STEEL.

2-1-4. SCREW: STEEL GALVANIZED AND CHROMATIZED, M2.6.

2-2. ELECTRICAL:

2-2-1. CURRENT RATING: RATING: 7 AMPS/WAY MAX.

2-2-2. CONTACT RESISTANCE: 20mohm (MAX).

2-2-3. INSULATION RESISTANCE: 5000Mohm/1000V.

2-2-4. WITHSTANDING VOLTAGE: 1500 VAC/MIN.

2-2-5. OPERATION VOLTAGE: 250 VAC.

2-2-6. WIRE RANGE: 18-26 AWG.

2.3. MECHANICAL:

2-3-1. TORQUE: 4 Kg.cm (MAX).

2-3-3. OPERATING TEMPERATURE: -55°C to +105°C.

2-3-4. SOLDERABILITY: 95% COVERAGE (MIN).

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	0.3
2 PLC	±	0.25
3 PLC	±	-
4 PLC	±	-
ANGLES	±	2°

MATERIAL

-

DWN  
S SCHLEGEL5/5/05

CHK  
C RICHARD5/5/05

APVD  
C RICHARD5/5/05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

5/5/05

5/5/05

5/5/05

TE Connectivity

TB, PCB MOUNT, ST  
SIDE WIRE ENTRY, W/INTERLOCK,  
3.5mm PITCH

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=1776275

RESTRICTED TO

SCALE  
4:1

SHEET  
2 OF 2

REV  
R1

1776275

1471-9 (3/11)

# Mouser Electronics

Authorized Distributor

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[1776275-2](#)