



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



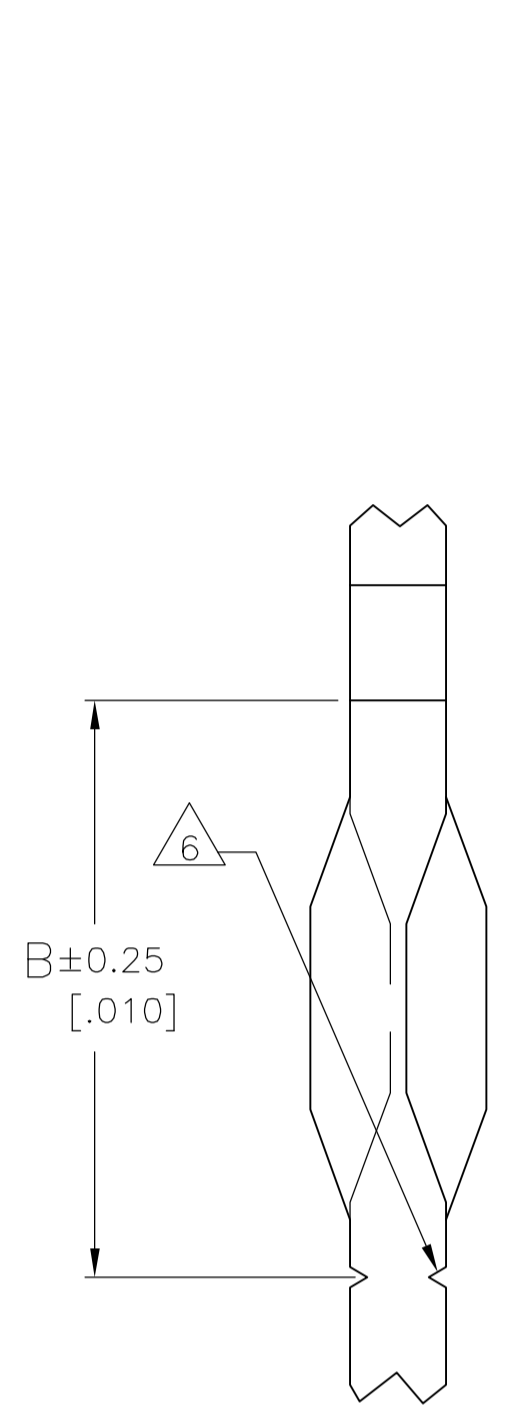
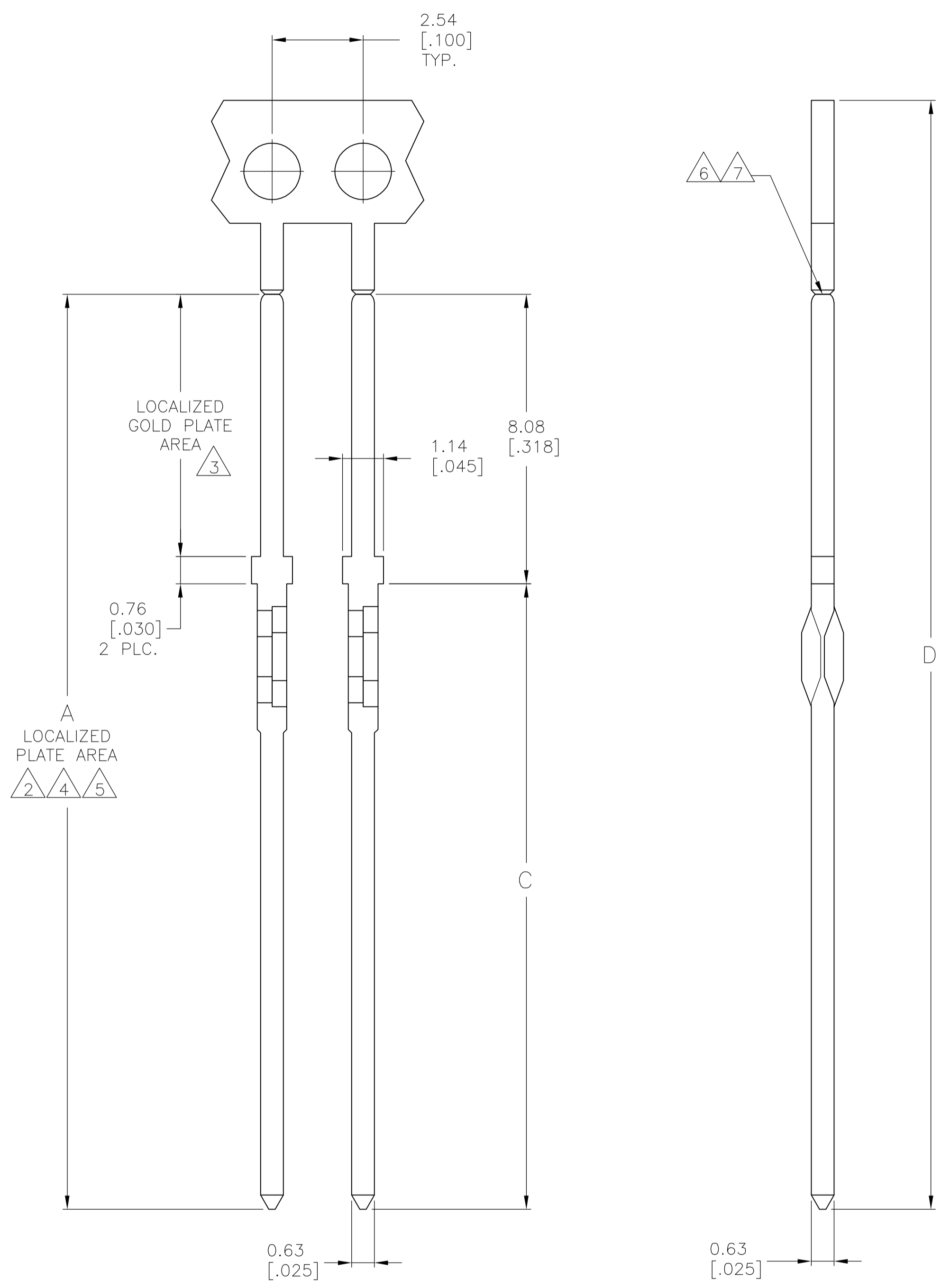
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DETAIL S
SCALE 20:1
SEE TABLE

- 1 COPPER ALLOY.
- 2 1.27µm [.000050] MIN. GOLD PER MIL-G-45204 OVER
2.54µm [.000100] MIN. NICKEL PER QQ-N-290 IN LOCALIZED PLATE AREA.
- 3 0.76µm [.000030] MIN. GOLD PER MIL-G-45204 IN LOCALIZED GOLD PLATE AREA, 0.025µm [.000001] MIN. GOLD FLASH PER MIL-G-45204 ON REMAINDER, BOTH OVER 1.27µm [.000050] MIN. NICKEL PER QQ-N-290.
- 4 0.76µm [.000030] MIN. GOLD PER MIL-G-45204 OVER
2.54µm [.000100] MIN. NICKEL PER QQ-N-290 IN LOCALIZED PLATE AREA.
- 5 2.54µm [.000100] MIN. TIN-LEAD OVER
1.27µm [.000050] MIN. NICKEL PER QQ-N-290 IN LOCALIZED PLATE AREA.
- 6 PRE-NOTCH SHOULD BREAK WITH 120° BEND.
- 7 POST TIP IS MATEABLE WITH FEMALE CONNECTOR.
- 8. TYPICAL REEL QUANTITY IS 50,000±5,000 POSTS.
- 9. RECOMMENDED BOARD THICKNESS IS 2.36-3.18 [.093-.125].
- 10. REQUIRED HOLE DIAMETER TOLERANCES:

HOLE DIA. ±0.03[.001]	PLATING THICKNESS		HOLE DIA.		COPPER HARDNESS KNOOP	PAD DIA. MIN.
	COPPER	TIN-LEAD	AFTER PLATING	AFTER REFLOW		
1.151 [.0453]	0.03-0.08 [.001-.003]	0.008 MIN. [.0003]	0.94-1.09 [.037-.043]	0.94-1.09 [.037-.043]	150 MAX.	1.57 [.062]
1.151 [.0453]	NOT PLATED THRU					1.65 [.065]

- 12 2.54µm [.000100] MIN. TIN OVER
1.27µm [.000050] MIN. NICKEL PER QQ-N-290 IN LOCALIZED PLATE AREA.
- 13 2.54µm [.000100] MIN. MATTE TIN OVER.
1.27µm [.000050] MIN. NICKEL PER QQ-N-290 IN LOCALIZED PLATE AREA.

-	-	26.19 [1.031]	12.70 [.500]	-	20.78 [.818]	13	7-117249-0
PER DETAIL S	-	30.94 [1.218]	17.45 [.687]	5.84 [.230]	25.53 [1.005]	12	6-117249-8
-	-	30.94 [1.218]	17.45 [.687]	-	25.53 [1.005]	12	6-117249-7
PER DETAIL S	-	30.94 [1.218]	17.45 [.687]	5.84 [.230]	25.53 [1.005]	5	6-117249-6
-	-	30.94 [1.218]	17.45 [.687]	-	25.53 [1.005]	5	6-117249-5
PER DETAIL S	-	30.94 [1.218]	17.45 [.687]	5.84 [.230]	25.53 [1.005]	3	6-117249-3
PER DETAIL S	-	30.94 [1.218]	17.45 [.687]	7.19 [.283]	25.53 [1.005]	3	6-117249-1
-	-	26.19 [1.031]	12.70 [.500]	-	20.78 [.818]	5	5-117249-6
-	118470	26.19 [1.031]	12.70 [.500]	-	20.78 [.818]	3	3-117249-2
PER DETAIL S	118385	30.94 [1.218]	17.45 [.687]	4.57 [.180]	25.53 [1.005]	3	3-117249-1
-	117249	30.94 [1.218]	17.45 [.687]	-	25.53 [1.005]	4	1-117249-2
-	117820	30.94 [1.218]	17.45 [.687]	-	25.53 [1.005]	3	117249-7
-	117259	30.94 [1.218]	17.45 [.687]	-	25.53 [1.005]	2	117249-2
PRE-NOTCH	COMB NUMBER	D	C	B	A	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN D.HARDY 24JAN00	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ± -	1 PLC ± -	CHK M.MILLER 04FEB00	NAME	POST, FEED-THRU ECONOMATE
2 PLC ± ± 0.25[.010]	3 PLC ± -	APVD M.MILLER 04FEB00	PRODUCT SPEC	SIZE A1
4 PLC ± -	ANGLES ± ± °	APPLICATION SPEC	RESTRICTED TO	SCALE 10:1 SHEET 1 OF 1 REV AJ
MATERIAL 1	FINISH SEE TABLE	WEIGHT -	CUSTOMER DRAWING	DRAWING NO 00779