

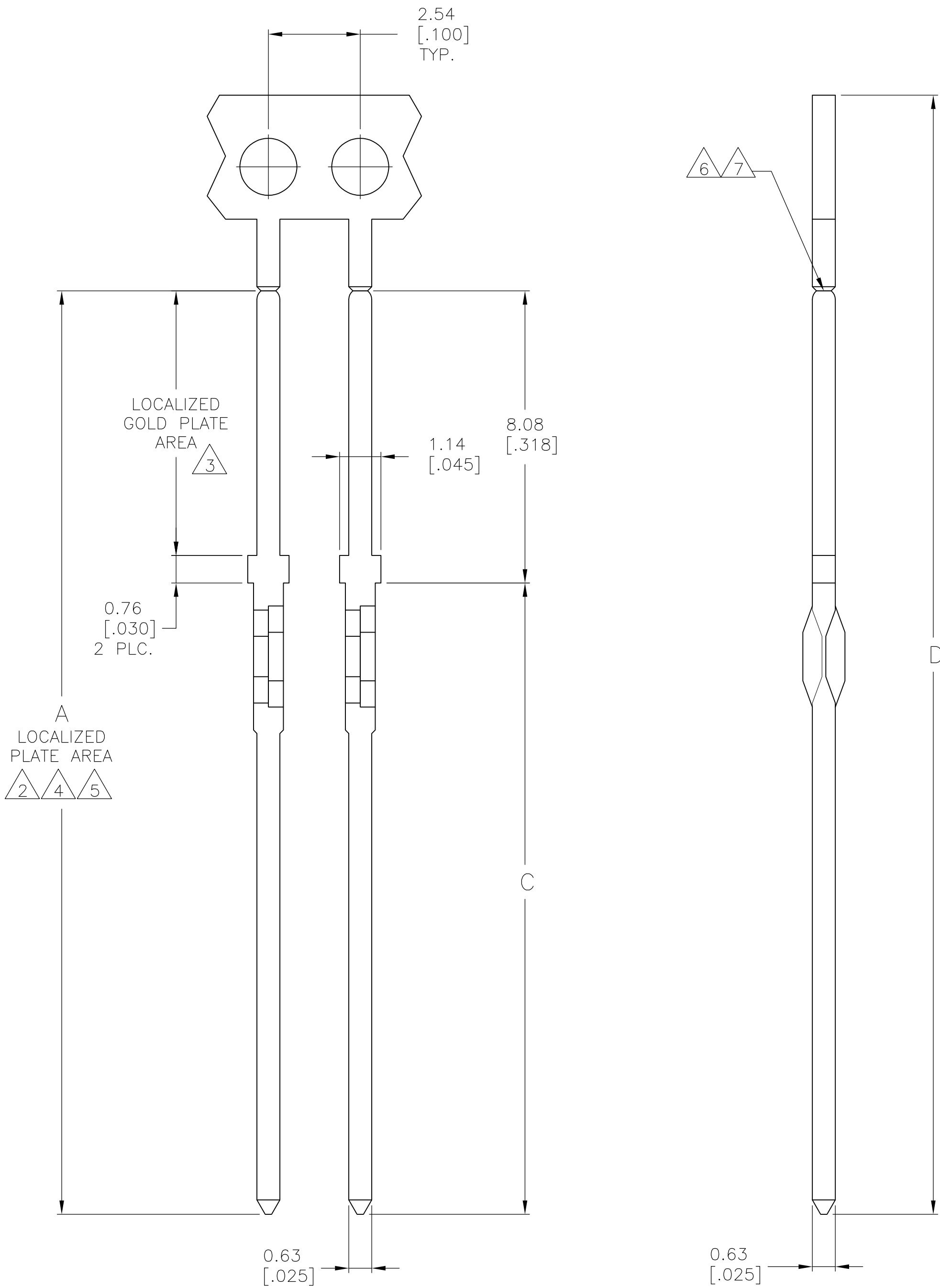
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AK	REVISED PER ECO-15-015185	05SEP2016	SY	SY

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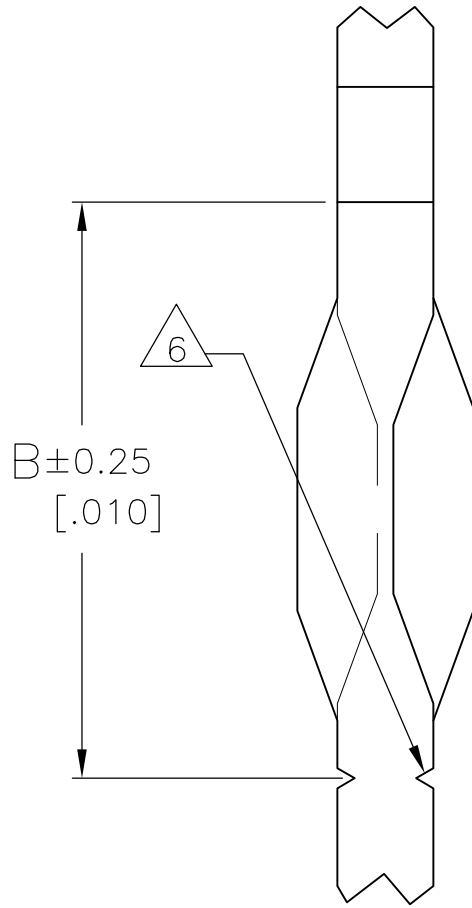
C

B

A



6 7



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.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.HARDY	24JAN00	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK M.MILLER	04FEB00		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.MILLER	04FEB00	NAME	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± °		PRODUCT SPEC		APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
1		SEE TABLE		0.000000	
CUSTOMER DRAWING		SCALE 10:1		SHEET 1 OF 1	
				REV	

Mouser Electronics

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[117249-7](#)