LOC	DIST			REVISIONS			
CM	0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			M	REVISED PER ECR-15-010337	22JUL2015	RK	SC
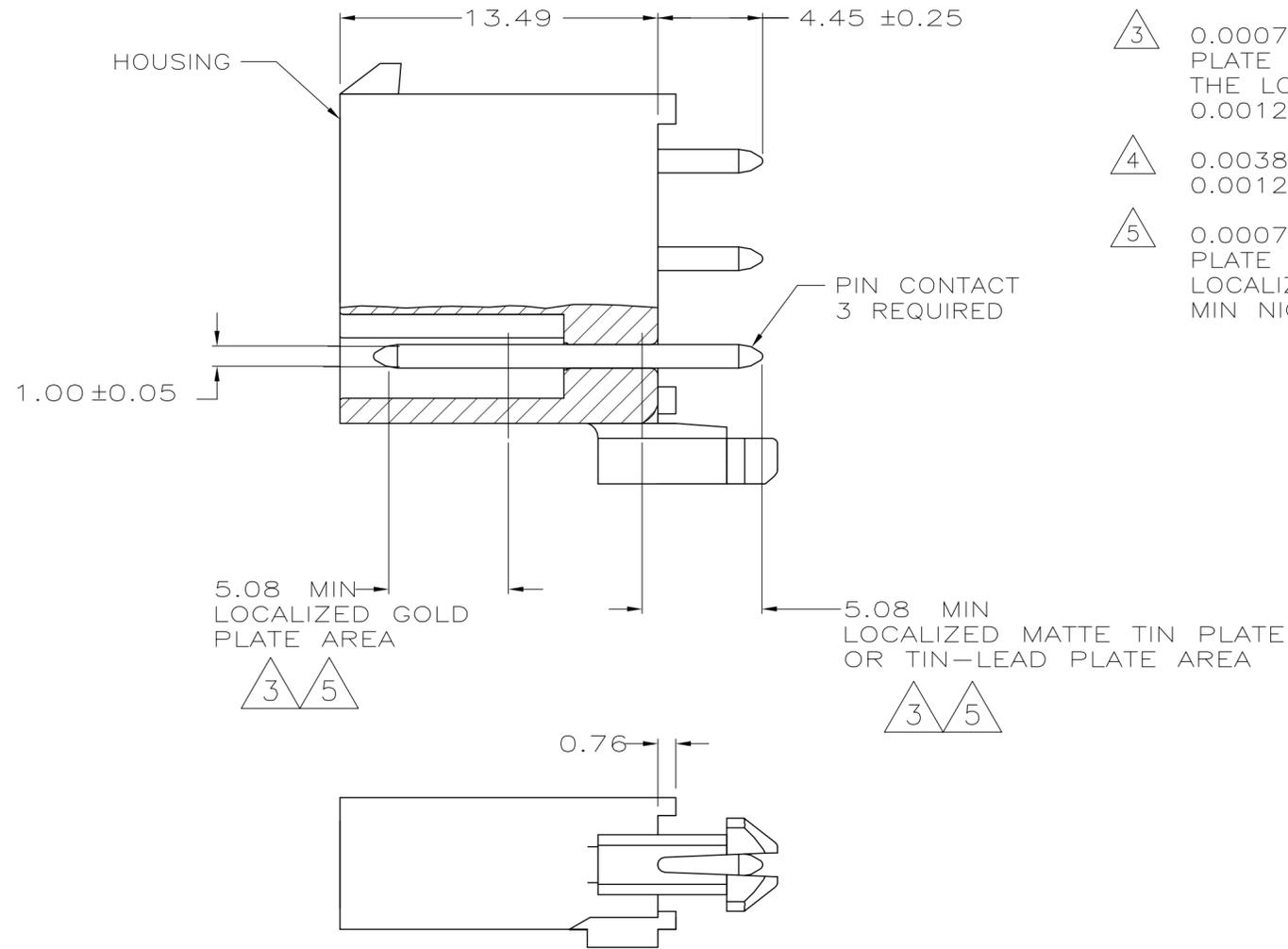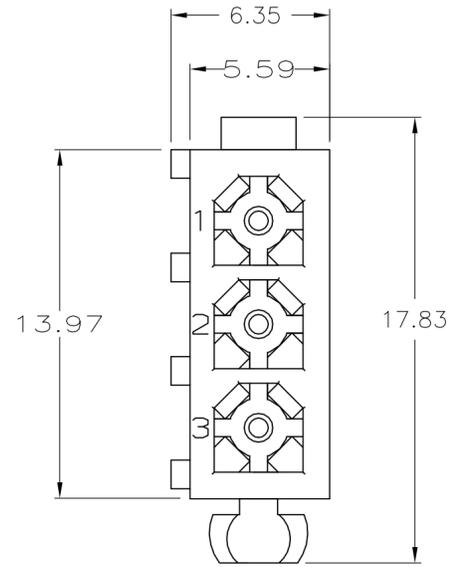
1   PINS TO COMPLY WITH AMP SOLDERABILITY
    SPEC. 109-11-3.

⟨2⟩ 0.00381 MIN MATTE TIN LEAD PLATE OVER
     0.00127 MIN NICKEL.

⟨3⟩ 0.00076 MIN GOLD PLATE IN THE LOCALIZED
     PLATE AREA, 0.00381 MATTE TIN LEAD IN
     THE LOCALIZED PLATE AREA, BOTH OVER
     0.00127 MIN NICKEL.

⟨4⟩ 0.00381 MIN MATTE TIN PLATE OVER
     0.00127 MIN NICKEL.

⟨5⟩ 0.00076 MIN GOLD PLATE IN THE LOCALIZED
     PLATE AREA, 0.00381 MATTE TIN IN THE
     LOCALIZED PLATE AREA, BOTH OVER 0.00127
     MIN NICKEL.

HOUSING

6.35
5.59
13.97
17.83

13.49
4.45 ±0.25

PIN CONTACT
3 REQUIRED

1.00 ±0.05

5.08 MIN
LOCALIZED GOLD
PLATE AREA
⟨3⟩⟨5⟩

5.08 MIN
LOCALIZED MATTE TIN PLATE
OR TIN-LEAD PLATE AREA
⟨3⟩⟨5⟩

0.76

770170

4.45
Ø3.18

Ø1.40 ±0.08
TYP

4.14 TYP
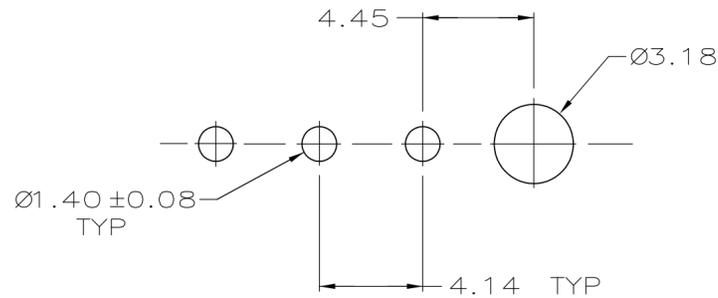
RECOMMENDED LAYOUT FOR 1.57 THICK BOARD
TOLERANCES NON-ACCUMULATIVE

MATERIAL	FINISH	MATERIAL	COLOR	PART NO.
BRASS, TIN	⟨4⟩	NYLON, UL94V-0	BLACK	5-770170-0
BRASS, GOLD	⟨5⟩	NYLON, UL94V-0	WHITE	1-770170-1
BRASS, TIN	⟨4⟩	NYLON, UL94V-0	WHITE	1-770170-0
BRASS, GOLD	⟨3⟩	NYLON, UL94V-0	WHITE	770170-2
BRASS, TIN-LEAD	⟨2⟩	NYLON, UL94V-0	WHITE	770170-1
PIN		HOUSING		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	S CARPENTER	08JUN05
CHK	R JONES	28JUL2003
APVD	R JONES	28JUL2003

≡TE TE Connectivity

NAME

HEADER ASSEMBLY, 3 CKT,
MINI UNIVERSAL MATE-N-LOK
—

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± —
	1 PLC ± —
	2 PLC ± 0.13
	3 PLC ± —
	4 PLC ± —
	ANGLES ± —

PRODUCT SPEC —
APPLICATION SPEC —

MATERIAL —
FINISH —
WEIGHT —

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C-770170		—

CUSTOMER DRAWING

SCALE 1:1   SHEET 1 of 1   REV M

Mouser Electronics

Authorized Distributor

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  [1-770170-1](#)