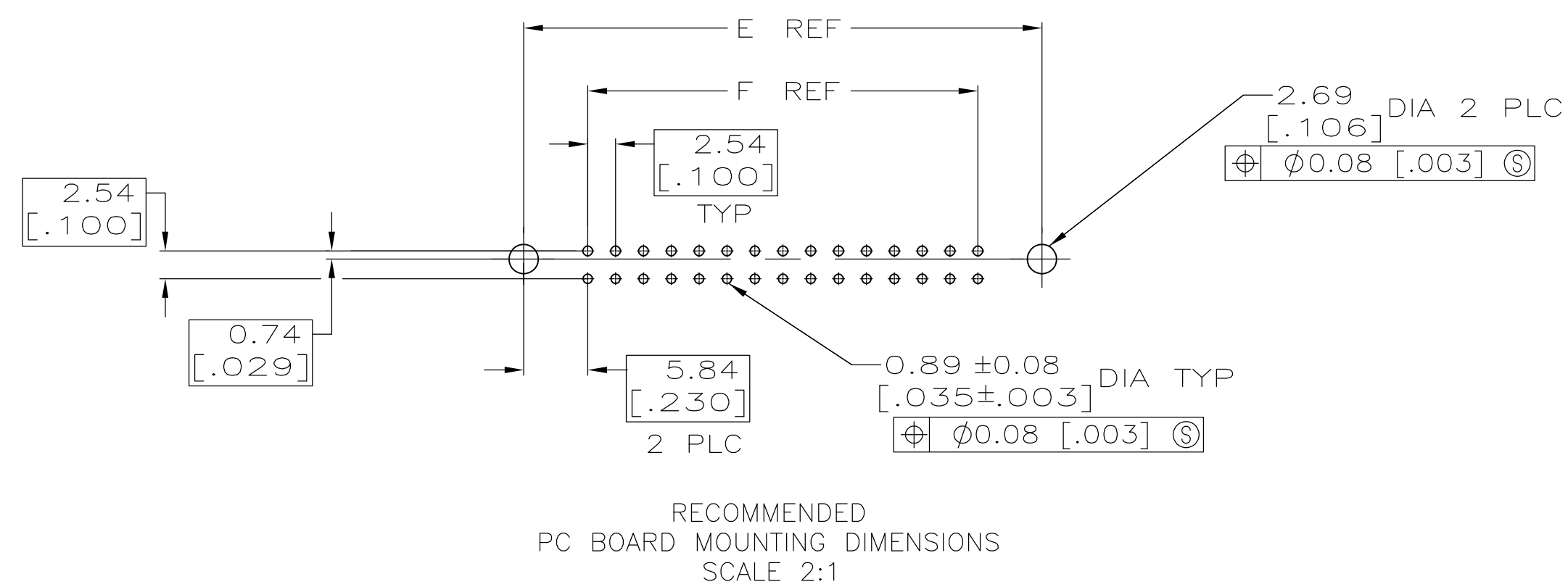
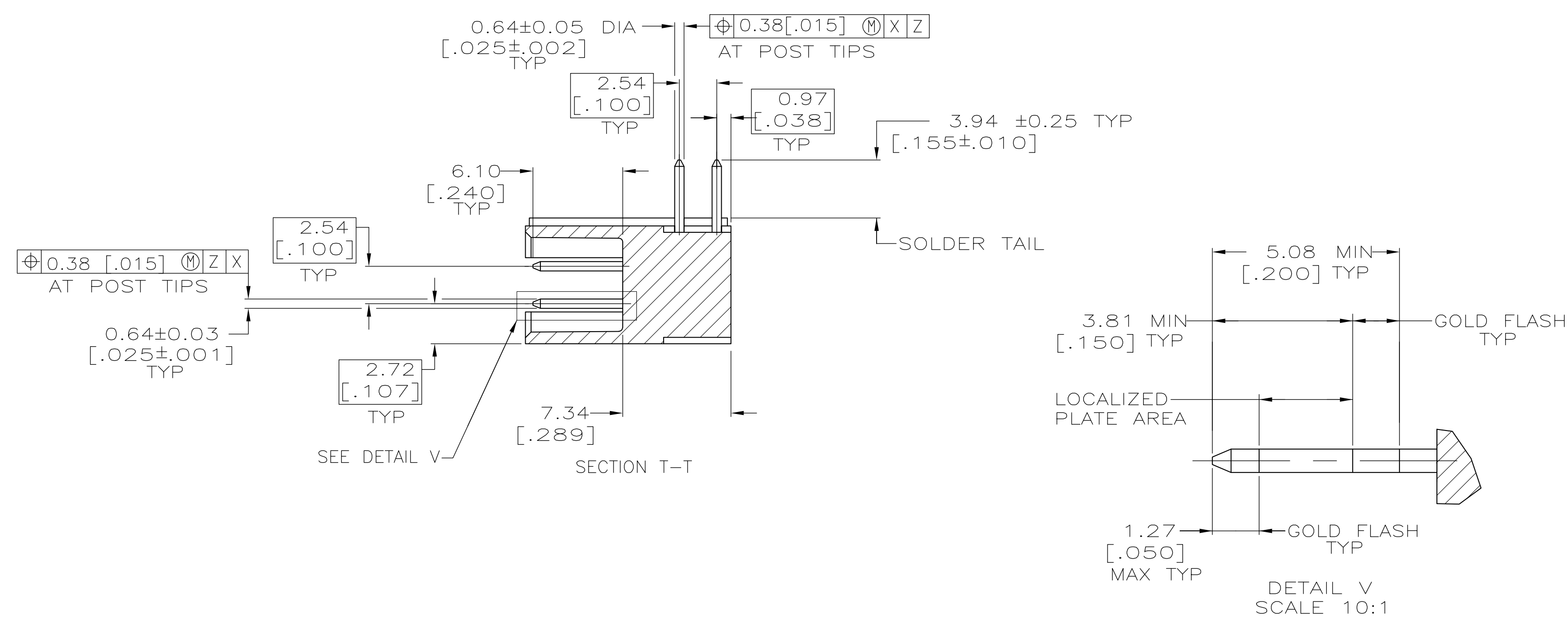
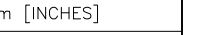




RECOMMENDED
PC BOARD MOUNTING DIMENSIONS
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 4-23-90 H.MOLL OK 11-28-90 P.STONE		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± 0.13[.005] 3 PLC ± — 4 PLC ± — ANGLES ± —		NAME —	
		APVD — PRODUCT SPEC 108-40018 APPLICATION SPEC —		HEADER ASSY, UNIVERSAL, AMP-LATCH —	
MATERIAL SEE SHEET 2		FINISH SEE SHEET 2		SIZE A1	
		WEIGHT —		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO 102161	
				SCALE 4:1 SHEET 1 OF 2 REV L	

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

GP00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

△1

COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.

△2

10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.

△3

10 POSITION SIZES CONTAIN ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.

4.

RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 3.18 [.125].

△5

POSTS:
GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.38μm [.000015] MIN TOTAL ON THE LOCALIZED PLATE AREA,
2.54μm [.000100] MIN TIN-LEAD PLATE ON THE SOLDER-TAIL,
1.27μm [.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
OR
0.38μm [.000015] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA,
2.54μm [.000100] MIN TIN-LEAD PLATE ON THE SOLDER-TAIL,
1.27μm [.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.

△6

MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, 94V-0 RATED, BLACK.
POSTS: BRASS.

△7

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER DRENAUD/D.SINISI

OBSOLETE	53.34 [2.100]	65.02 [2.560]	65.02 [2.560]	75.18 [2.960]	71.12 [2.800]	60.96 [2.400]	44	1-102161-3
OBSOLETE	78.74 [3.100]	90.42 [3.560]	90.42 [3.560]	100.58 [3.960]	96.52 [3.800]	86.36 [3.400]	64	1-102161-2
OBSOLETE	73.66 [2.900]	85.34 [3.360]	85.34 [3.360]	95.50 [3.760]	91.44 [3.600]	81.28 [3.200]	60	1-102161-1
OBSOLETE	60.96 [2.400]	72.64 [2.860]	72.64 [2.860]	82.80 [3.260]	78.74 [3.100]	68.58 [2.700]	50	1-102161-0
OBSOLETE	48.26 [1.900]	59.94 [2.360]	59.94 [2.360]	70.10 [2.760]	66.04 [2.600]	55.88 [2.200]	40	102161-9
	40.64 [1.600]	52.32 [2.060]	52.32 [2.060]	62.48 [2.460]	58.42 [2.300]	48.26 [1.900]	34	102161-8
△7 SUPERCEDED	35.56 [1.400]	47.24 [1.860]	47.24 [1.860]	57.40 [2.260]	53.34 [2.100]	43.18 [1.700]	30	102161-7
OBSOLETE	30.48 [1.200]	42.16 [1.660]	42.16 [1.660]	52.32 [2.060]	48.26 [1.900]	38.10 [1.500]	26	102161-6
	27.94 [1.100]	39.62 [1.560]	39.62 [1.560]	49.78 [1.960]	45.72 [1.800]	35.56 [1.400]	24	102161-5
	22.86 [.900]	34.54 [1.360]	34.54 [1.360]	44.70 [1.760]	40.64 [1.600]	30.48 [1.200]	20	102161-4
OBSOLETE	17.78 [.700]	29.46 [1.160]	29.46 [1.160]	39.62 [1.560]	35.56 [1.400]	25.40 [1.000]	16	102161-3
	15.24 [.600]	26.92 [1.060]	26.92 [1.060]	37.08 [1.460]	33.02 [1.300]	22.86 [.900]	14	102161-2
OBSOLETE	10.16 [.400]	21.84 [.860]	21.84 [.860]	32.00 [1.260]	27.94 [1.100]	17.78 [.700]	10	102161-1
	F	E	D	C	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

0 PLC ± —

1 PLC ± —

2 PLC ± 0.13[.005]

3 PLC ± —

4 PLC ± —

ANGLES ± —

DWN H. MOLL 4-23-90

CHK R. STONE 11-28-90

APVD —

PRODUCT SPEC 108-40018

APPLICATION SPEC —

MATERIAL △6

FINISH △5

WEIGHT —

CUSTOMER DRAWING

SIZE A1

CAGE CODE 00779

DRAWING NO 102161

RESTRICTED TO —

SCALE 4:1

SHEET 2 OF 2

REV L

Tyco Electronics Corporation

Harriaburg, PA 17105-3608

NAME

HEADER ASSY, UNIVERSAL, AMP-LATCH —

AMP 4805 REV 31MAR2000