



RECOMMENDED P.C. BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R.K. SEIFRIED 03/23/90		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK G. SKIPPER 03/23/90		APVD	NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 [.005] 4 PLC ± - ANGLES ± -		PRODUCT SPEC	HDI, 2 ROW, PIN ASSEMBLY, 6.35 [.250] LONG ACTION PINS, .00076 [.000030] GOLD PLATE
MATERIAL		FINISH		APPLICATION SPEC	SIZE
				WEIGHT	SCALE
				A1 00779 C=532446	4:1
CUSTOMER DRAWING		SHEET 1 OF 2		REV U	

- ① HOUSING MATERIAL: THERMOPLASTIC, COLOR-NATURAL.
- ② CONTACT MATERIAL: PHOSPHOR BRONZE.
- ③ CONTACT FINISH: .00127-.00254 [.000050-.000100] NICKEL UNDERPLATE ALL OVER; .00076 [.000030] GOLD PLATE IN CONTACT AREA, TIN-LEAD PLATED POSTS.
- ④ ACTION PIN POSTS REQUIRE 2.36 [.093] MIN THICK P.C. BOARD. RECOMMENDED P.C. BOARD HOLES ARE 1.151 [.0453] DIA PLATED THRU WITH 0.025-0.076 [.001-.003] COPPER, WITH 0.0076 [.0003] MIN TIN-LEAD PLATING; FINISHED HOLE AFTER PLATING 0.94-1.09 [.037-.043] DIA; AFTER RELOW 0.91-1.09 [.036-.043].
- 5. DIMENSIONS IN BRACKETS ARE IN INCHES.
- ⑥ HOUSINGS WITH CENTER MOUNTING IS RECOMMENDED FOR ASSEMBLIES HAVING 75 CONTACTS PER ROW OR MORE.
- ⑦ PART NUMBER IS OBSOLETE.

⑥							2-532446-0
⑥	251.46 [9.900]	99	255.27 [10.050]	265.43 [10.450]	273.05 [10.750]	200	1-532446-9
⑥							1-532446-8
⑥							1-532446-7
⑥							1-532446-6
⑥							1-532446-5
	187.96 [7.400]	74	191.77 [7.550]	201.93 [7.950]	209.55 [8.250]	150	1-532446-4
①	175.26 [6.900]	69	179.07 [7.050]	189.23 [7.450]	196.85 [7.750]	140	1-532446-3
①							1-532446-2
	149.86 [5.900]	59	153.67 [6.050]	163.83 [6.450]	171.45 [6.750]	120	1-532446-1
①	137.16 [5.400]	54	140.97 [5.550]	151.13 [5.950]	158.75 [6.250]	110	1-532446-0
	124.46 [4.900]	49	128.27 [5.050]	138.43 [5.450]	146.05 [5.750]	100	532446-9
①							532446-8
	99.06 [3.900]	39	102.87 [4.050]	113.03 [4.450]	120.65 [4.750]	80	532446-7
①	86.36 [3.400]	34	90.17 [3.550]	100.33 [3.950]	107.95 [4.250]	70	532446-6
	73.66 [2.900]	29	77.47 [3.050]	87.63 [3.450]	95.25 [3.750]	60	532446-5
	60.96 [2.400]	24	64.77 [2.550]	74.93 [2.950]	82.55 [3.250]	50	532446-4
①	48.26 [1.900]	19	52.07 [2.050]	62.23 [2.450]	69.85 [2.750]	40	532446-3
①	35.56 [1.400]	14	39.37 [1.550]	49.53 [1.950]	57.15 [2.250]	30	532446-2
①	22.86 [.900]	9	26.67 [1.050]	36.83 [1.450]	44.45 [1.750]	20	532446-1
	E	D	C	B	A	POSN	PART NUMBER

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4 PLC ± -	ANGLES ± -	SIZE	.00076 [.000030] GOLD PLATE
MATERIAL	FINISH	WEIGHT	SCALE CODE DRAWING NO
			A1 00779 532446
CUSTOMER DRAWING		RESTRICTED TO	REV
		SCALE 4:1	SHEET 2 OF 2