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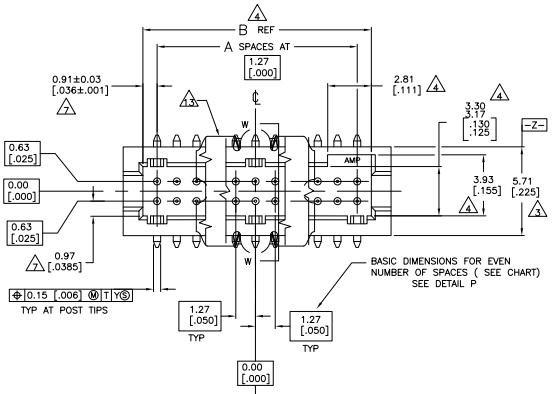
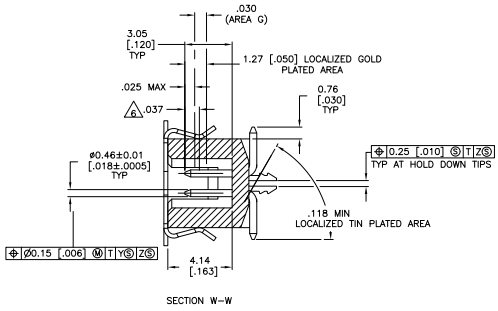
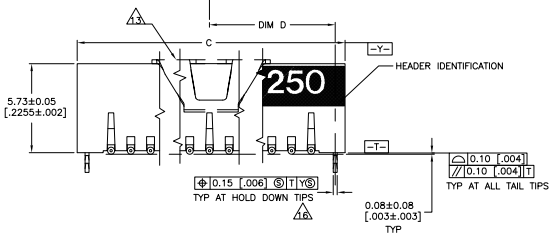
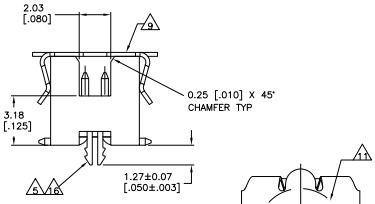
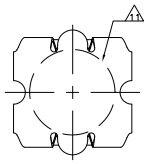
REVISIONS						
LTR	DESCRIPTION	DATE	DWN	APVD
C2	REVISED PER ECO-09-021826	07JAN10	KK	AEG

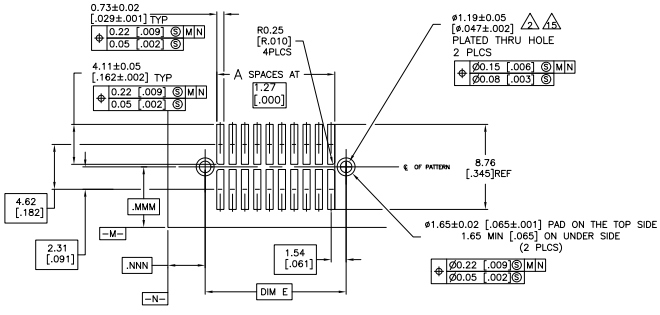




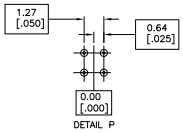








RECOMMENDED BOARD LAYOUT
SCALE- 5:1



BASIC DIMENSIONS FOR ODD NUMBER OF SPACES

1. 0.00076[.000030] GOLD AT POINT OF MEASUREMENT, 0.00051[.000020] MIN AT THE END POINTS OF AREA G, (LOCALIZED PLATE AREA), 0.0038[.000150] TIN-LEAD ON LOCALIZED TIN-LEAD PLATED AREA, ALL OVER 0.0013[.000050] NICKEL
2. USE 1.55±0.02 [.0610±.0010] DRILLED HOLE (1.55mm DRILL). FINISH TO BE TIN-LEAD OVER 0.02 [.001] MIN COPPER.
3. DIMENSION APPLIES AT BASE OF SHROUD.
4. THE NOTED DIMENSIONS APPLY AT THE MATING FACE OF THE HOUSING.
5. 0.0038 [.000150] TIN-LEAD ON HOLD DOWN,ALL OVER 0.0013 [.000050] NICKEL.
6. POINT OF MEASUREMENT.
7. DIMENSIONS NOTED APPLY FROM THE BASIC DIMENSION LINE (NOT THE CIRCUIT CAVITY CENTER LINE) TO THE SURFACE INDICATED.
8. IF PLANNING TO USE MORE THAN ONE MATING PAIR OF CONNECTORS TO INTERCONNECT 2 BOARDS, PLEASE REFER TO PARA. 3.3 IN THE APPLICATION SPEC, #114-7010
9. VACUUM COVER DESIGNED FOR 4.0 [.160] DIA NOZZLE. VACUUM COVER TO BE REMOVED AFTER SOLDERING.
10. PACKAGED IN EIA 481 TAPE AND REEL. SEE TABLE FOR TAPE WIDTHS.
11. 5.5 [.216] MIN TARGET AREA FOR VACUUM PICK-UP.
12. HOUSING: LCP, COLOR-BLACK.
POST: PHOSPHOR BRONZE.
VACUUM COVER: ALUMINUM.
13. VACUUM COVER SHOWN IN PHANTOM LINE.
14. 0.00076[.000030] GOLD AT POINT OF MEASUREMENT, 0.00051[.000020] MIN AT THE END POINTS OF AREA G, LOCALIZED PLATE AREA, 0.0038[.000150] TIN ON LOCALIZED TIN PLATED AREA, ALL OVER 0.00127[.000050] NICKEL
15. USE 1.55±0.02 [.0610±.0010] DRILLED HOLE (1.55mm DRILL). WITH 0.02 (.001) MIN COPPER.
16. 0.00381 (.000150) TIN ON HOLDDOWN, ALL OVER 0.00127 (.000050) NICKEL.
17. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

		TAPE WIDTH	E	D	C	B	A	NUMBER OF POSITIONS	PART NUMBER
	88 mm		65.33 [2.572]	32.66 [1.286]	66.59 [2.622]	64.05 [2.522]	49	100	5-147381-9
OBSOLETE	72 mm		52.63 [2.072]	26.31 [1.036]	53.89 [2.122]	51.35 [2.022]	39	80	5-147381-8
OBSOLETE	72 mm		46.28 [1.822]	23.13 [.911]	47.54 [1.872]	45.00 [1.772]	34	70	5-147381-7
	56 mm		39.93 [1.572]	19.96 [.786]	41.19 [1.622]	38.65 [1.522]	29	60	5-147381-6
	56 mm		33.58 [1.322]	16.78 [.661]	34.84 [1.372]	32.30 [1.272]	24	50	5-147381-5
	44 mm		27.23 [1.072]	13.61 [.536]	28.49 [1.122]	25.95 [1.022]	19	40	5-147381-4
	32 mm		20.88 [.822]	10.43 [.411]	22.14 [.872]	19.60 [.772]	14	30	5-147381-3
	24 mm		14.53 [.572]	7.26 [.286]	15.79 [.622]	13.25 [.522]	9	20	5-147381-2
OBSOLETE	24 mm		8.18 [.322]	4.08 [.161]	9.44 [.372]	6.90 [.272]	4	10	6-147381-1
	88 mm		65.33 [2.572]	32.66 [1.286]	66.59 [2.622]	64.05 [2.522]	49	100	147381-9
OBSOLETE	72 mm		52.63 [2.072]	26.31 [1.036]	53.89 [2.122]	51.35 [2.022]	39	80	147381-8
	72 mm		46.28 [1.822]	23.13 [.911]	47.54 [1.872]	45.00 [1.772]	34	70	147381-7
SUPERCEDED BY 5-147381-6	56 mm		39.93 [1.572]	19.96 [.786]	41.19 [1.622]	38.65 [1.522]	29	60	147381-6
	56 mm		33.58 [1.322]	16.78 [.661]	34.84 [1.372]	32.30 [1.272]	24	50	147381-5
	44 mm		27.23 [1.072]	13.61 [.536]	28.49 [1.122]	25.95 [1.022]	19	40	147381-4
OBSOLETE	32 mm		20.88 [.822]	10.43 [.411]	22.14 [.872]	19.60 [.772]	14	30	147381-3
	24 mm		14.53 [.572]	7.26 [.286]	15.79 [.622]	13.25 [.522]	9	20	147381-2
OBSOLETE	24 mm		8.18 [.322]	4.08 [.161]	9.44 [.372]	6.90 [.272]	4	10	147381-1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DRAWN: B. HAYMAKER
CHK: J. MOSER
APVD: J. MOSER
DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS SPECIFIED: 0 PLC ± -, 1 PLC ± -, 2 PLCS ± 0.13[.005], 3 PLCS ± -, ANGLES ± -
MATERIAL: - 12
FINISH: - 1
PRODUCT SPEC: 108-1332
APPLICATION SPEC: 114-7010
WEIGHT: -
CUSTOMER DRAWING
Tyco Electronics Corporation, Harrisburg, Pa 17105-3608
NAME: HEADER ASSEMBLY,SURFACE MOUNT, AMPMODU 50/50 GRID (6.35 [.250] MATED HEIGHT)
SIZE: A1 CAGE CODE: 00779 DRAWING NO: C-147381
RESTRICTED TO: -
SCALE: 8:1 SHEET: 1 OF 1 REV: C2

AMP 4805 REV 31MAR2000
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