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LOC	DIST
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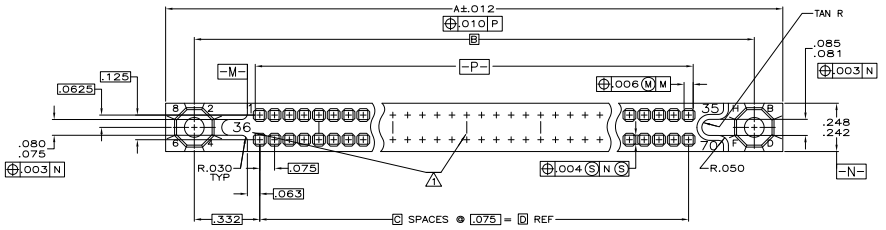
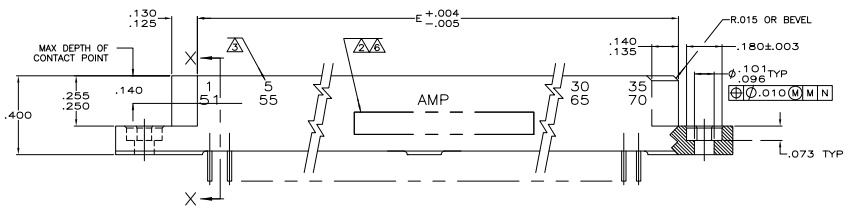
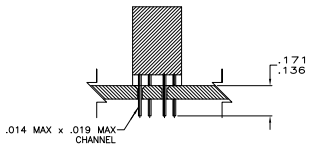
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REV PER ECO 10-016815	15OCT10	PY	DM

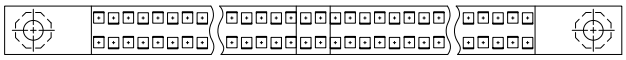


1. NUMBERS (SEE TABLE) AND LINES INDICATING EVERY FIVE CAVITIES MARKED ON MATING FACE.
2. IDENTIFICATION MARKINGS PER MIL-C-55302 (SEE TABLE) IN ADDITION TO AMP, PART NUMBER, AND DATE CODE
3. NUMBERS INDICATING EVERY FIVE CAVITIES MARKED ON SIDE (EXCEPT 10 POSN)
4. .022-.027 DIA HOLE IN PC BOARD, 60°x .031 DEEP COUNTERSINK RECOMMENDED ON CONNECTOR SIDE OF BOARD
5. MUST MEET ALL APPLICABLE REQUIREMENTS IF MIL-C-55302.
6. CUSTOMER PART NO 90132-2 ADDED IN PLACE OF MIL-C-55302 PART NO
7. FINISH: .000050 GOLD IN CONTACT AREA, TIN-LEAD ON SOLDER TAILS OVER NICKEL UNDERPLATE.
8. FINISH: .000050 GOLD ALL OVER NICKEL UNDERPLATE

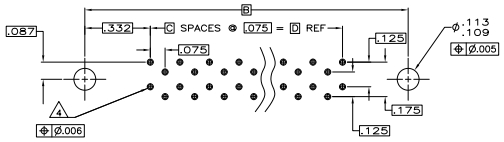




SECTION X-X
FLOW SOLDER TYPE



	IDENTIFICATION MARKING	CONTACT IDENT NO	FINISH	E	D	C	B	A	POSN	PART NO.
OBSOLETE	NONE 6	1 45 / 46 90	8	3.565 [83.82]	3.300 [83.82]	44	3.965 [100.71]	4.255 [107.32]	90	1-531142-2
	M55302 / 24-85	1 55 / 56 110	7	4.315 [102.87]	4.050 [102.87]	54	4.715 [119.76]	5.005 [127.13]	110	1-531142-1
	M55302 / 24-81	1 50 / 51 100	7	3.940 [83.82]	3.675 [93.35]	49	4.340 [110.24]	4.630 [117.60]	100	1-531142-0
	M55302 / 24-77	1 45 / 46 90	7	3.565 [83.82]	3.300 [83.82]	44	3.965 [100.71]	4.255 [108.08]	90	531142-9
	M55302 / 24-73	1 40 / 41 80	7	3.190 [83.82]	2.925 [74.30]	39	3.590 [91.19]	3.880 [98.55]	80	531142-8
	M55302 / 24-69	1 35 / 36 70	7	2.815 [83.82]	2.550 [64.77]	34	3.215 [80.70]	3.505 [90.17]	70	531142-7
	M55302 / 24-65	1 30 / 31 60	7	2.440 [83.82]	2.175 [55.25]	29	2.840 [72.14]	3.130 [79.50]	60	531142-6
	M55302 / 24-61	1 25 / 26 50	7	2.065 [83.82]	1.800 [45.72]	24	2.465 [62.61]	2.755 [69.98]	50	531142-5
	M55302 / 24-57	1 20 / 21 40	7	1.690 [83.82]	1.425 [36.20]	19	2.090 [53.09]	2.380 [60.45]	40	531142-4
	M55302 / 24-53	1 15 / 16 30	7	1.315 [83.82]	1.050 [26.67]	14	1.715 [43.56]	2.005 [50.93]	30	531142-3
	M55302 / 24-49	1 10 / 11 20	7	.940 [83.82]	.675 [17.15]	9	1.340 [34.04]	1.630 [41.40]	20	531142-2
	M55302 / 24-45	1 5 / 6 10	7	.565 [83.82]	.300 [7.62]	4	.965 [24.51]	1.255 [31.88]	10	531142-1



RECOMMENDED PC BOARD LAYOUT (CONNECTOR SIDE)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCE UNLESS OTHERWISE SPECIFIED: 0 PLC ± - ; 1 PLC ± - ; 2 PLC ± - ; 3 PLC ± .005 ; 4 PLC ± - ; ANGLES ± -

MATERIAL - 7

FINISH SEE TABLE

DR P. YEAGER 22MAR07
CK N. DEIBERT 22MAR07
APVD N. DEIBERT 22MAR07
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TYPE CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME RECEPTACLE ASSY, 750 SERIES BOX, WITH FLOW SOLDER CONTACTS & EXTERNAL KEYING

SIZE A1 CAGE CODE 00779 DRAWING NO C-531142 RESTRICTED TO —

SCALE 4:1 SHEET 1 OF 1 REV F

AMP 4805 REV 31MAR2000

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