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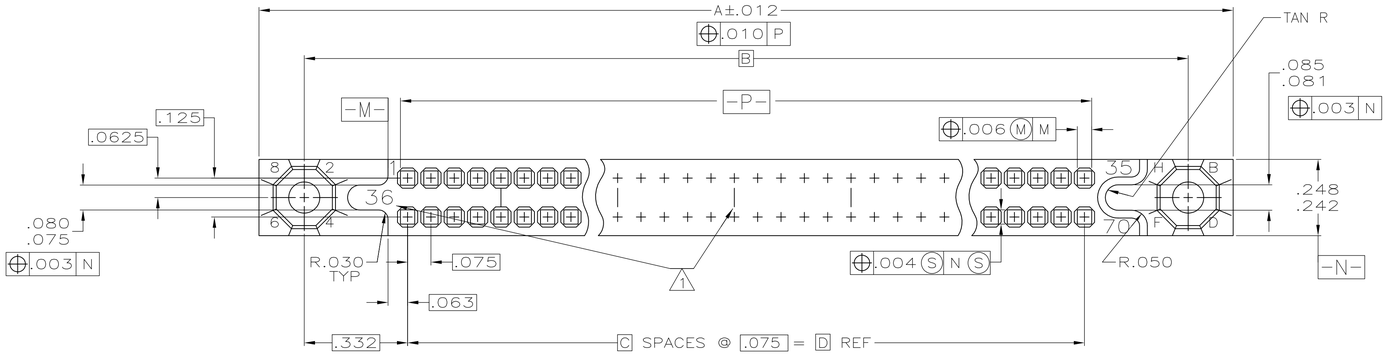
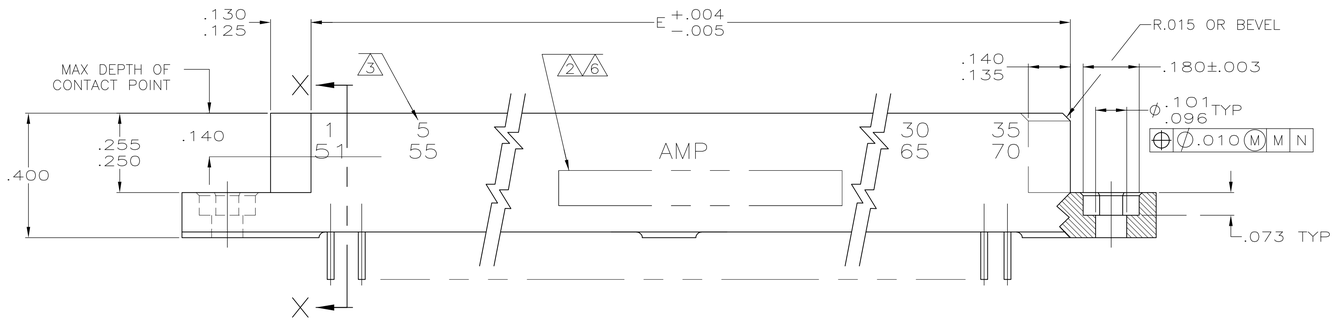
LOC	DIST
—	—

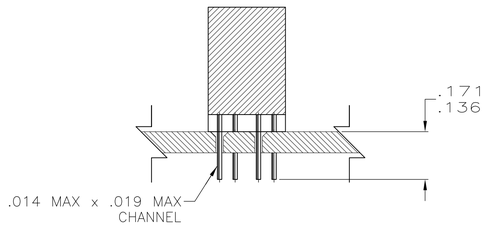
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REV PER ECO 10-016815	150CT10	PY	DM

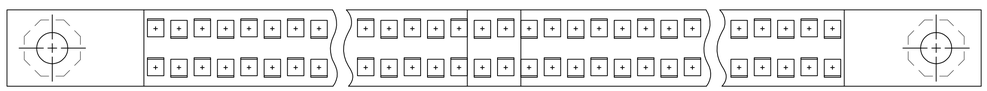


1. NUMBERS (SEE TABLE) AND LINES INDICATING EVERY FIVE CAVITIES MARKED ON MATING FACE.
2. IDENTIFICATION MARKINGS PER MIL-C-55302 (SEE TABLE) IN ADDITION TO AMP, PART NUMBER, AND DATE CODE
3. NUMBERS INDICATING EVERY FIVE CAVITIES MARKED ON SIDE (EXCEPT 10 POSN)
4. .022-.027 DIA HOLE IN PC BOARD, 60°x .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

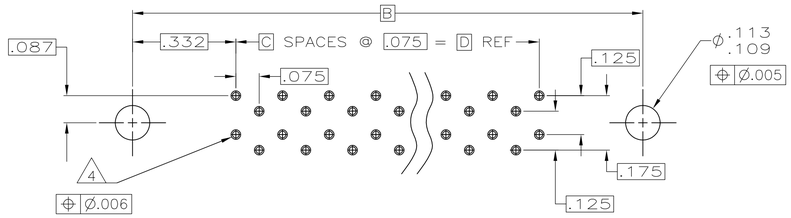




SECTION X-X
FLOW SOLDER TYPE



OBSOLETE									
NONE 6	1 46 / 45 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 56 / 55 110	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 51 / 50 100	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 46 / 45 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 41 / 40 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 36 / 35 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 31 / 30 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 26 / 25 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 21 / 20 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 16 / 15 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 11 / 10 20	7	.940 [83.82]	.675 [17.15]	9	1.340 [34.04]	1.630 [41.40]	20	531142-2
M55302 / 24-45	1 6 / 5 10	7	.565 [83.82]	.300 [7.62]	4	.965 [24.51]	1.255 [31.88]	10	531142-1
IDENTIFICATION MARKING	CONTACT IDENT NO	FINISH	E	D	C	B	A	POSN	PART NO.



RECOMMENDED PC BOARD LAYOUT (CONNECTOR SIDE)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

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

MATERIAL - 7

FINISH SEE TABLE

DWN	P. YEAGER	22MAR07
CHK	N. DEIBERT	22MAR07
APVD	N. DEIBERT	22MAR07
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

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

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

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV F