

DRAWING MADE IN THIRD ANGLE PROJECTION

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- 1. NUMBER (SEE TABLE) AND LINES INDICATING EVERY FIVE CAVITIES STAMPED ON MATING FACE WHITE INK.
- 2. IDENTIFICATION MARKING PER MIL-C-55302 (SEE TABLE).
- 3. MUST MEET ALL APPLICABLE REQUIREMENTS OF MIL-C-55302.
- 4. NUMBERS INDICATING EVERY 5 CAVITIES STAMPED ON SIDE (EXCEPT 10 POSITION).
- 5. FINISH .00050 GOLD IN CONTACT AREA, TIN-LEAD ON SOLDER TAILS, ALL OVER NICKEL UNDERPLATE

REV	DATE	APPROVED	DESCRIPTION
1		DF	

MIL-C-55302 PART NO	CONTACT IDENT NO	E	D	C	B	A	NO OF POSITIONS	PART NO
M55302/24-88	56 - 55	4.315	4.050	54	4.715	5.005	110	1-531144-1
M55302/24-84	51 - 50	3.940	3.675	49	4.340	4.630	100	-0
M55302/24-80	46 - 45	3.565	3.300	44	3.965	4.255	90	-9
M55302/24-76	41 - 40	3.190	2.925	39	3.590	3.880	80	-8
M55302/24-72	36 - 35	2.815	2.550	34	3.215	3.505	70	-7
M55302/24-68	31 - 30	2.440	2.175	29	2.840	3.130	60	-6
M55302/24-64	26 - 25	2.065	1.800	24	2.465	2.775	50	-5
M55302/24-60	21 - 20	1.690	1.425	19	2.090	2.380	40	-4
M55302/24-56	16 - 15	1.315	1.050	14	1.715	2.005	30	-3
M55302/24-52	11 - 10	.940	.675	9	1.340	1.630	20	-2
M55302/24-48	6 - 5	.565	.300	4	.965	1.255	10	-1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES ON:
 DECIMALS ±.005
 ANGLES

DR: *M. Smith* 10-15-79
 CHK: *W. D. L.* 11/79
 APPD: *W. D. L.* 11/79
 APPD: *W. D. L.* 11/79
 DSGN APPD: *W. D. L.* 11/79
 OTHER APPD:

NAME: RCPPT ASSY, 750 SERIES BOX CARD EXTENDER, WITH EXTERNAL KEYING

AMP INCORPORATED
 Harrisburg, Pa.

SIZE CODE IDENT NO DRAWING NO: C 00779 531144

SCALE: SHEET 2



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AMP	

Two-Piece, High Density PCB Connectors

.050, .075, .100 Box Contact Connectors

AMP **531144-1** -- 4 of 4 products Active [Active](#)

(Tyco Electronics P/N: 531144-1)

Previous	Sales Information	AMP ACES	Step Search Screen
Related Documents		General Information	
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Please use the customer drawing for all design activity.

- **Customer Drawing: 531144, Rev. D**
- Document Title: RCPT ASSY, 750 SERIES BOX CARD EXTENDER, WITH EXTERNAL KEYING

172812.pdf [172812.pdf](#) (151K)

Searchable Features:	
Brand:	AMP
Product Type:	Receptacle Assembly
Centerline Spacing (mm [in]):	1.91 [.075]
No. of Rows:	2
No. of Positions:	10
Grade:	Military

Other Properties:	
Contact Material:	Beryllium Copper
Contact Termination Area Plating:	Tin Lead over Nickel
Color:	Blue
Housing Material:	Diallyl Phthalate

Post Styles:	Card Extender Contact
Post Size (mm [in]):	0.25 x 0.51 [.010 x .020]
Termination Post Length (mm [in]):	8.00 [.315]
Military Part Number:	M55302/24-48
Staggered:	No
Sealed:	No
Application:	Flow Soldering
Strain Relief:	Without
Mount Angle:	Vertical
PCB Mount Style:	Thru Hole
Gasket:	Without
Contact Mating Area Plating:	Gold (50)
Pin Protection:	Without
In-Line/Staggered Tails:	Staggered
Hybrid:	No
Jackscrews:	Without
Stabilizers:	Without

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