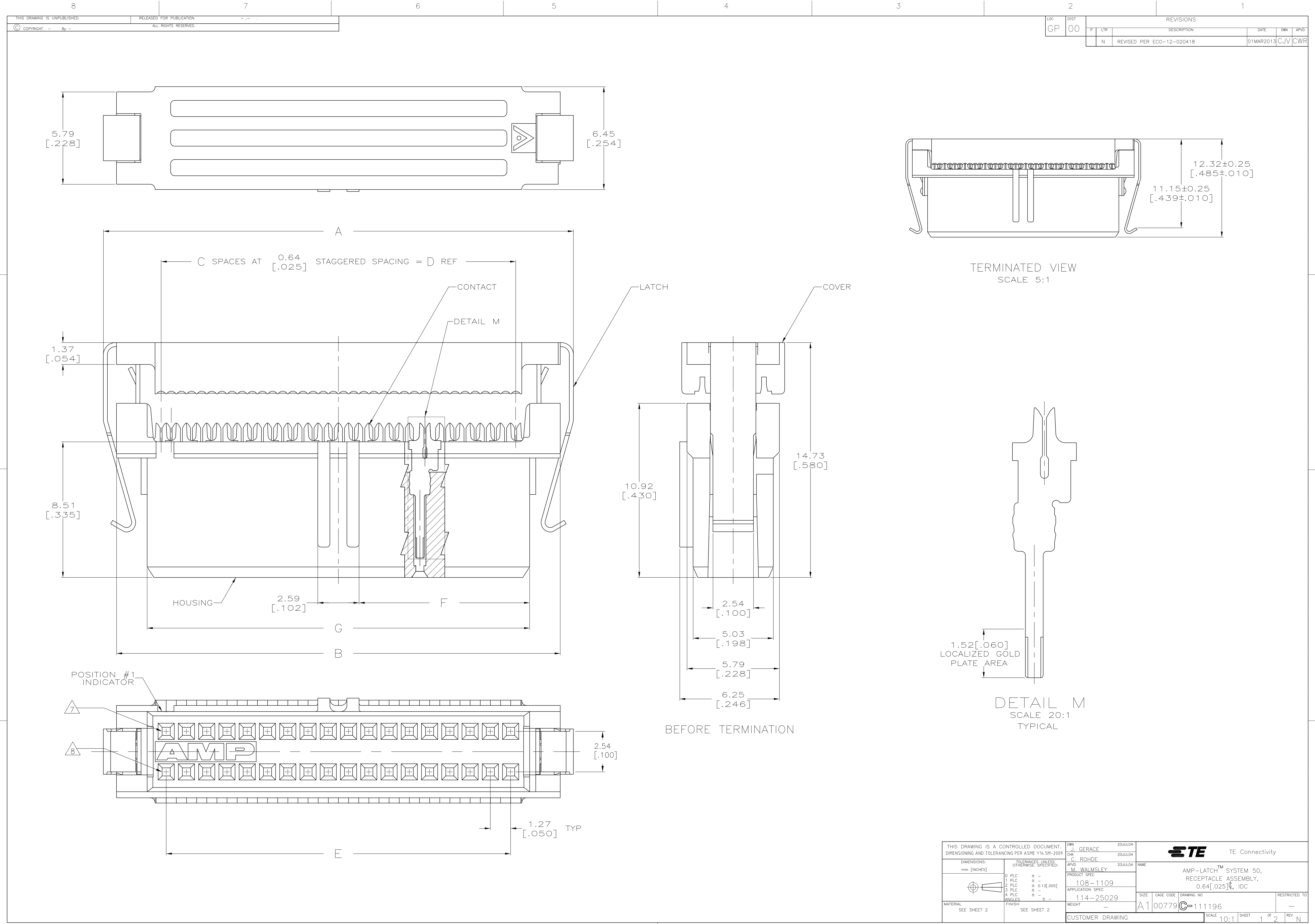




THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN J. GERACE 20JUL04	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK C. ROHDE 20JUL04	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 20JUL04	AMP-LATCH™ SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025] IDC	
0. PLC ± -		PRODUCT SPEC	SIZE	
1. PLC ± -		108-1109	CAGE CODE	
2. PLC ± 0.13[.005]		APPLICATION SPEC	DRAWING NO	
3. PLC ± -		114-25029	RESTRICTED TO	
4. PLC ± -		WEIGHT	A1 00779	
ANGLES		—	C=111196	
MATERIAL		FINISH	CUSTOMER DRAWING	
SEE SHEET 2		SEE SHEET 2	SCALE 10:1	
			SHEET 1 OF 2	
			REV N	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

1 HOUSING MATERIAL: UL RATED 94V-0 LCP THERMOPLASTIC, COLOR-BLACK.
COVER MATERIAL: UL RATED 94V-0 POLYESTER OR POLYAMIDE MOLDING COMPOUND, COLOR-BLACK.

△₂ CONTACT MATERIAL: COPPER ALLOY.

 LATCH MATERIAL: STAINLESS STEEL.

4 CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA,
0.00254-0.00508 [.000100-.000200] THICK BRIGHT TIN OR BRIGHT TIN-LEAD
ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

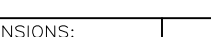
5. MATES WITH 0.38 [0.015] SQUARE OR ROUND POSTS, 3.18±0.10 [0.125±0.004] LONG, ON 1.27 [0.050] x 2.54 [0.100] GRID.

6 CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA,
0.00254-0.00508 [.000100-.000200] THICK TIN ON IDC END, ALL OVER
0.00127 [.000050] MIN THICK NICKEL PLATE.

 POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW.

8 POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW.

	6	44.30 [1.744]	20.85 [.821]	41.91 [1.650]	42.54 [1.675]	67	48.13 [1.895]	49.78 [1.960]	68	3-111196-4	
	6	51.92 [2.044]	24.66 [.971]	49.53 [1.950]	50.16 [1.975]	79	55.75 [2.195]	57.40 [2.260]	80	3-111196-3	
	6	41.76 [1.644]	19.58 [.771]	39.37 [1.550]	40.00 [1.575]	63	45.59 [1.795]	47.24 [1.860]	64	3-111196-2	
	6	29.06 [1.144]	13.23 [.521]	26.67 [1.050]	27.30 [1.075]	43	32.89 [1.295]	34.54 [1.360]	44	3-111196-1	
	6	22.71 [.894]	10.06 [.396]	20.32 [.800]	20.96 [.825]	33	26.54 [1.045]	28.19 [1.110]	34	3-111196-0	
	6	17.63 [.694]	7.52 [.296]	15.24 [.600]	15.88 [.625]	25	21.46 [.845]	23.11 [.910]	26	2-111196-9	
	6	16.36 [.644]	6.88 [.271]	13.97 [.550]	14.60 [.575]	23	20.19 [.795]	21.84 [.860]	24	2-111196-8	
	6	11.28 [.444]	4.34 [.171]	8.89 [.350]	9.52 [.375]	15	15.11 [.595]	16.76 [.660]	16	2-111196-7	
	6	10.01 [.394]	3.71 [.146]	7.62 [.300]	8.26 [.325]	13	13.84 [.545]	15.49 [.610]	14	2-111196-6	
	6	7.47 [.294]	2.44 [.096]	5.08 [.200]	5.72 [.225]	9	11.30 [.445]	12.95 [.510]	10	2-111196-5	
	6	64.62 [2.544]	31.01 [1.221]	62.23 [2.450]	62.86 [2.475]	99	68.45 [2.695]	70.10 [2.760]	100	2-111196-4	
	6	46.84 [1.844]	22.12 [.871]	44.45 [1.750]	45.08 [1.775]	71	50.67 [1.995]	52.32 [2.060]	72	2-111196-3	
	6	39.22 [1.544]	18.31 [.721]	36.83 [1.450]	37.46 [1.475]	59	43.05 [1.695]	44.70 [1.760]	60	2-111196-2	
	6	32.87 [1.294]	15.14 [.596]	30.48 [1.200]	31.12 [1.225]	49	36.70 [1.445]	38.35 [1.510]	50	2-111196-1	
	6	26.52 [1.044]	11.96 [.471]	24.13 [.950]	24.76 [.975]	39	30.35 [1.195]	32.00 [1.260]	40	2-111196-0	
	6	20.17 [.794]	8.79 [.346]	17.78 [.700]	18.42 [.725]	29	24.00 [.945]	25.65 [1.010]	30	1-111196-9	
	6	13.82 [.544]	5.61 [.221]	11.43 [.450]	12.06 [.475]	19	17.65 [.695]	19.30 [.760]	20	1-111196-8	
	OBSOLETE	4	44.30 [1.744]	20.85 [.821]	41.91 [1.650]	42.54 [1.675]	67	48.13 [1.895]	49.78 [1.960]	68	1-111196-7
		4	64.62 [2.544]	31.01 [1.221]	62.23 [2.450]	62.86 [2.475]	99	68.45 [2.695]	70.10 [2.760]	100	1-111196-6
4		51.92 [2.044]	24.66 [.971]	49.53 [1.950]	50.16 [1.975]	79	55.75 [2.195]	57.40 [2.260]	80	1-111196-5	
OBSOLETE	4	46.84 [1.844]	22.12 [.871]	44.45 [1.750]	45.08 [1.775]	71	50.67 [1.995]	52.32 [2.060]	72	1-111196-4	
	4	41.76 [1.644]	19.58 [.771]	39.37 [1.550]	40.00 [1.575]	63	45.59 [1.795]	47.24 [1.860]	64	1-111196-3	
	4	39.22 [1.544]	18.31 [.721]	36.83 [1.450]	37.46 [1.475]	59	43.05 [1.695]	44.70 [1.760]	60	1-111196-2	
	4	32.87 [1.294]	15.14 [.596]	30.48 [1.200]	31.12 [1.225]	49	36.70 [1.445]	38.35 [1.510]	50	1-111196-1	
	4	29.06 [1.144]	13.23 [.521]	26.67 [1.050]	27.30 [1.075]	43	32.89 [1.295]	34.54 [1.360]	44	1-111196-0	
	4	26.52 [1.044]	11.96 [.471]	24.13 [.950]	24.76 [.975]	39	30.35 [1.195]	32.00 [1.260]	40	111196-9	
OBSOLETE	4	22.71 [.894]	10.06 [.396]	20.32 [.800]	20.96 [.825]	33	26.54 [1.045]	28.19 [1.110]	34	111196-8	
	4	20.17 [.794]	8.79 [.346]	17.78 [.700]	18.42 [.725]	29	24.00 [.945]	25.65 [1.010]	30	111196-7	
	4	17.63 [.694]	7.52 [.296]	15.24 [.600]	15.88 [.625]	25	21.46 [.845]	23.11 [.910]	26	111196-6	
	4	16.36 [.644]	6.88 [.271]	13.97 [.550]	14.60 [.575]	23	20.19 [.795]	21.84 [.860]	24	111196-5	
	4	13.82 [.544]	5.61 [.221]	11.43 [.450]	12.06 [.475]	19	17.65 [.695]	19.30 [.760]	20	111196-4	
OBSOLETE	4	11.28 [.444]	4.34 [.171]	8.89 [.350]	9.52 [.375]	15	15.11 [.595]	16.76 [.660]	16	111196-3	
OBSOLETE	4	10.01 [.394]	3.71 [.146]	7.62 [.300]	8.26 [.325]	13	13.84 [.545]	15.49 [.610]	14	111196-2	
	4	7.47 [.294]	2.44 [.096]	5.08 [.200]	5.72 [.225]	9	11.30 [.445]	12.95 [.510]	10	111196-1	
	CONTACT FINISH	G	F	E	D	C	B	A	POSN		

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWG. <u>R. K. SEIFRED/JTA</u> 11/13/92 CHK. <u>R. BUCHTER</u> 3/25/93		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		PL C ± . PL C ± . PL C ± 0.13[.005] PL C ± . PL C ± . ANGLES ± . FRESH		AMP-LATCH SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025], IDC	
MATERIAL		PRODUCT SPEC 108-1109		SIZE	
MOLDED PARTS: 		APPLICATION SPEC 114-25029		DRAWING NO	
		WEIGHT		A1 00779  111196	
CONTACTS: SEE TABLE		CUSTOMER DRAWING		SCALE 10:1 SHEET 2 OF 2 REV N	