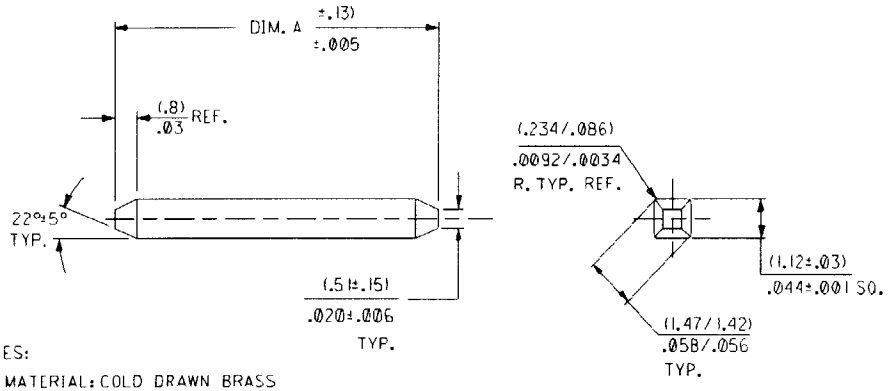
N	DIM. A	N	DIM. A	N	DIM. A
1	19.05 / .750	37	27.94 / 1.100		
3	23.80 / .937	38	38.10 / 1.500	74	13.08 / .515
4	12.70 / .500	40	48.26 / 1.900	75	16.94 / .667
5	34.93 / 1.375	41	32.26 / 1.270	76	5.08 / .200
6	50.80 / 2.000	42	7.37 / .290	77	5.56 / .219
7	39.67 / 1.562	43	21.39 / .842	78	5.97 / .235
9	4.75 / .187	45	20.85 / .821	79	6.86 / .270
10	11.10 / .437	48	41.28 / 1.625	80	7.87 / .310
11	44.45 / 1.750	51	8.26 / .325	81	8.56 / .337
12	36.50 / 1.437	52	27.00 / 1.063	82	8.89 / .350
13	42.42 / 1.670	53	6.35 / .250	83	9.27 / .365
14	9.65 / .380	54	14.99 / .590	84	10.01 / .394
15	15.88 / .625	55	10.29 / .405	85	10.69 / .421
16	25.40 / 1.000	56	17.86 / .703	87	11.71 / .461
18	33.32 / 1.312			88	12.32 / .485
				89	13.46 / .530
19	26.21 / 1.032			90	13.84 / .545
20	46.02 / 1.812	61	35.71 / 1.406	91	14.22 / .560
21	28.58 / 1.125	62	24.89 / .980	92	14.61 / .575
22	31.75 / 1.250	63	24.38 / .960	93	15.49 / .610
23	31.24 / 1.230	64	29.85 / 1.175	94	18.29 / .720
24	20.32 / .800	65	22.71 / .894	95	37.29 / 1.468
		66	29.21 / 1.150	96	38.89 / 1.531
26	22.23 / .875	67	18.69 / .736	97	40.49 / 1.594
28	43.43 / 1.710	68	34.09 / 1.342	98	41.96 / 1.652
30	16.51 / .650	69	19.69 / .775	99	45.24 / 1.781
		70	23.24 / .915	100	47.14 / 1.856
35	17.45 / .687	71	11.99 / .472	101	49.10 / 1.933
36	30.48 / 1.200	72	49.91 / 1.965		



NOTES:

1. MATERIAL: COLD DRAWN BRASS
2. DIM. GIVEN ARE BEFORE PLATING.
3. PINS MUST CONFORM TO SOLDERABILITY SPEC. ES-152. AFTER PLATING.
4. CAMBER NOT TO EXCEED .005 MM/MM OR .005 IN/IN.
5. PINS MUST CONFORM TO BURR SPEC. ES-151.
6. RECOMMENDED PCB SPECS. FOR PRESS FIT PINS: .062±.005 THK BOARDS
   PUNCHED HOLES: (1.27±.05)/.050±.002
   DRILLED HOLE: (1.359±.038)/.0535±.0015
   PLATED THRU HOLE: (1.334±.064)/.0525±.0025

LEGEND

2161 -N *

- PLATING CODE PER SDES-88
- PIN LENGTH (SEE CHART)

MFG.	SH.	REV.	LTR.	REVISIONS
	6	AD		
	5	AD		
	4	AD		
	3	AD		
	2	AD	AD	OBS OVER 2.0 EC U70196 SAMJEC 10-21-96
	1	AD		

DIMENSIONS SHOWN METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY GEW | CHK'D. BY KSS | APP'D. BY KJA | SCALE ±

∇ = Ø ▼ = Ø REVISE ONLY ON CAD SYSTEM

TITLE: TERMINAL PIN (1.14) / .045 SQ.

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. | SHEET NO. 1 OF 6 | DATE 12/3/84

PART NO. SEE CHART | DRWG. NO. SD-2161

FILE NAME S2161.DWG

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIV. C | SIZE C

NO. P.S.

MOLES02218

To: 6037912594 From: 10/13/00 12:03 PM Page 8 of 17

PART NO.	END. NO.	PART NO.	END. NO.	PART NO.	END. NO.	PART NO.	END. NO.
08-50-0401	11 (02)	08-56-0401	K50 11	08-59-0401	11 (22)	08-56-0501	K50 31
08-50-0403	31 (02)	08-56-0403	350 11	08-59-0403	31 (22)	08-56-0503	350 31
08-50-0404	41 (02)	08-56-0404	450 11		41 (22)		450 31
08-50-0405	51 (02)	08-56-0405	550 11		51 (22)		550 31
08-50-0406	61 (02)	08-56-0406	650 D		61 (22)		650 31
08-50-0407	71 (02)	08-56-0407	750 11		71 (22)		750 31
08-50-0409	91 (02)	08-56-0409	950 11		91 (22)		950 31
08-50-0410	101 (02)	08-56-0410	10K50 D		101 (22)		10K50 31
08-50-0411	111 (02)	08-56-0411	11K50 D		111 (22)		11K50 31
08-50-0412	121 (02)	08-56-0412	12K50 D		121 (22)	08-56-0512	12K50 31
08-50-0413	131 (02)	08-56-0413	13K50 D		131 (22)		13K50 31
08-50-0414	141 (02)	08-56-0414	14K50 D	08-59-0414	141 (22)		14K50 31
08-50-0415	151 (02)	08-56-0415	15K50 D		151 (22)	08-56-0515	15K50 31
08-50-0416	161 (02)	08-56-0416	16K50 D	08-59-0416	161 (22)	08-56-0516	16K50 31
08-50-0418	181 (02)	08-56-0418	18K50 D		181 (22)		18K50 31
08-50-0419	191 (02)	08-56-0419	19K50 D	08-59-0419	191 (22)	08-56-0519	19K50 31
08-50-0420	201 (02)	08-56-0420	20K50 D		201 (22)		20K50 31
08-50-0421	211 (02)	08-56-0421	21K50 D		211 (22)	08-56-0521	21K50 31
08-50-0422	221 (02)	08-56-0422	22150 11		221 (22)		22150 31
08-50-0423	231 (02)	08-56-0423	23150 11	08-59-0423	231 (22)	08-56-0525	23150 31
08-50-0424	241 (02)	08-56-0424	24150 11		241 (22)		24150 31
08-50-0426	261 (02)	08-56-0426	26150 D		261 (22)		26150 31
08-50-0428	281 (02)	08-56-0428	28150 11		281 (22)		28150 31
08-50-0430	301 (02)		30150 D	08-59-0430	301 (22)	08-56-0530	30150 31
08-50-0435	351 (02)	08-56-0435	35150 11		351 (22)		35150 31
08-50-0436	361 (02)	08-56-0436	36150 D	08-59-0436	361 (22)	08-56-0536	36150 31
08-50-0443	371 (02)	08-56-0437	37150 D	08-59-0437	371 (22)	08-56-0537	37150 31
08-50-0438	381 (02)	08-56-0438	38150 11		381 (22)		38150 31
08-50-0440	401 (02)		40K50 D		401 (22)		40K50 31
08-50-0444	411 (02)	08-56-0441	41K50 D		411 (22)		41K50 31
08-50-0442	421 (02)		42150 11		421 (22)		42150 31
S 08-50-0443	431 (02)	08-56-0443	43150 11		431 (22)		43150 31
08-50-0450	451 (02)	08-56-0450	45150 11		451 (22)	08-56-0545	45150 31
08-50-0439	481 (02)		48150 11		481 (22)		48150 31
08-50-0451	511 (02)		51K50 D		511 (22)		51K50 31
08-50-0455	521 (02)	08-56-0452	52150 11		521 (22)	08-56-0552	52150 31
08-50-0453	531 (02)		53150 11		531 (22)		53150 31
	541 (02)		54150 11		541 (22)		54150 31
	551 (02)		55150 11		551 (22)		55150 31
08-50-0474	561 (02)	08-56-0456	56150 11		561 (22)	08-56-0556	56150 31
08-50-0458	6K (02)	08-56-0492	61150 11		6K (22)		61K50 31
08-50-0471	621 (02)	08-56-0488	62150 11		621 (22)		62150 31
08-50-0498	631 (02)		63150 11		631 (22)		63150 31
S 08-50-0478	641 (02)	08-56-0497	64150 11	08-59-0464	641 (22)	08-56-0564	64150 31
08-50-0463	651 (02)	08-56-0457	65150 11		651 (22)		65150 31
08-50-0460	661 (02)		66150 11		661 (22)		66150 31
08-50-0552	671 (02)		67150 11		671 (22)		67150 31
08-50-0493	681 (02)		68150 11		681 (22)	08-56-0568	68150 31
08-50-0485	691 (02)	08-56-0469	69K50 D		691 (22)		69150 31
08-50-0492	701 (02)		70K50 D		701 (22)		70150 31
08-50-0473	711 (02)		71K50 D		711 (22)		71K50 31
	721 (02)		72150 11		721 (22)		72150 31
08-50-0495	751 (02)		75150 11		741 (22)		74150 31
	761 (02)		76150 11		751 (22)		75150 31
	771 (02)		77150 11		761 (22)		76150 31
	781 (02)		78150 11		771 (22)		77150 31
	791 (02)		79150 11		781 (22)		78150 31
	801 (02)		80K50 D		791 (22)		79150 31
	811 (02)		81K50 D		801 (22)		80K50 31
08-50-0459	821 (02)		82150 11		811 (22)		81K50 31
S 08-50-0479	831 (02)	08-56-0498	83150 11		821 (22)		82150 31
S 08-50-0484	841 (02)		84150 11		831 (22)		83150 31
	851 (02)		85150 11		841 (22)		84150 31
	871 (02)		87150 11		851 (22)		85150 31
	881 (02)		88150 11		871 (22)		87150 31
08-50-0458	891 (02)		89150 11	08-59-0489	881 (22)		88150 31
08-50-0551	901 (02)		90K50 D		891 (22)	08-56-0589	89150 31
	911 (02)		91K50 D	08-59-0468	901 (22)		90K50 31
08-50-0400	921 (02)	08-56-0400	92150 11		911 (22)		91K50 31
	931 (02)		93150 11		921 (22)		92150 31
08-50-0497	941 (02)	08-56-0499	94150 11	08-59-0494	931 (22)		93150 31
08-50-0955	951 (02)		95150 11		941 (22)	08-56-0594	94150 31
08-50-0552	961 (02)	08-56-0490	96150 11		951 (22)		95150 31
	971 (02)		97150 11		961 (22)		96150 31
	981 (02)		98150 11		971 (22)		97150 31
08-50-0494	991 (02)		99150 11		981 (22)		98150 31
	10011 (02)		100K50 D		991 (22)		99150 31
	1011 (02)		10150 11		10011 (22)		100K50 31
					1011 (22)		10150 31

2161

2161

REVISE ONLY ON CAD SYSTEM

TERMINAL PIN

(.114) / .045 SQ.

MOLEX INCORPORATED

SEE CHART

SD-2161

DRWG. GEW KJA

CHKD. KSS

SCALE

REVISIONS

LTR.

SEE SHEET 1

AC9 AC7 AC6 AC5 AC4 AC2 AC1 AC0

AD AC13 AC12 AC11

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSIONS SHOWN ARE FOR 2 INCH VOLUME LEVEL AFTER PLATING

DATE 12/3/84

SHEET NO. 2

SIZE C

DIV. KK