



- NOTES:
1. MATERIAL: WAFER - GLASS FILLED POLYESTER, 94V-0, COLOR: BLACK.  
PINS - PHOS. BRONZE.
  2. FINISH:
    - TIN - 0.00381/0.000150 MINIMUM TIN OVER 0.00127/0.000050 MINIMUM NICKEL OVERALL.
    - 15 GOLD - 0.00038/0.000015 MINIMUM GOLD PLATE IN SELECTED AREA AND 0.00191/0.000075 MINIMUM TIN IN SELECTED AREA OVER 0.00127/0.000050 MINIMUM NICKEL OVERALL.
    - 30 GOLD - 0.00076/0.000030 MINIMUM GOLD PLATE IN SELECTED AREA AND 0.00191/0.000075 MINIMUM TIN IN SELECTED AREA OVER 0.00127/0.000050 MINIMUM NICKEL OVERALL.
  3. PRODUCT SPECIFICATION: PS-70216.
  4. PACKAGING SPECIFICATION: FOR 4 THROUGH 8 CIRCUIT PARTS US PK-70873-0353.  
FOR 10 CIRCUITS AND OVER USE PK-70873-0075.
  5. PIN PUSH-OUT FORCE: 4 LBS. MINIMUM.
  6. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE WAFER IS SHOWN.
  7. PINS MUST MEET SOLDERABILITY SPEC. NO. 152.
  8. WAFER TO BE FLAT WITHIN (0.03 MM/CM) OR .003 IN./IN.
  9. FOR ASSEMBLIES WITH VOIDED PINS, CONTACT MOLEX SALES REPRESENTATIVE.
  10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD NOTE 10 EC NO. UCP2007-1509 DRAWN BY 2006/12/19 CHECKED BY 2006/12/19 APPROVED BY 2006/12/20 REV A1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	2-A1 1-A1 SHT.REV.	
	▽=0	4 PLACES ± --- ± ---	MM/IN	4:1	INCH			
	▽=0	3 PLACES ± --- ± .005						
		2 PLACES ± 0.13 ± .01						
	1 PLACE ± 0.25 ± ---	ANGULAR ±1/2°						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART					
			MATERIAL NO. SD-70216-001	DOCUMENT NO.			SHEET NO. 1 OF *	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

tb\_frame\_C\_P\_ME\_T  
Rev. E 2006/04/15

ENG. NO: A-70216-0079/0092			ENG. NO: A-70216-0118/0131			ENG. NO: A-70216-0235/0248		
DIM. C		(6.10)/.240	DIM. C		(8.13)/.320	DIM. C		(6.10)/.240
DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110
FINISH		TIN	FINISH		TIN	FINISH		15 GOLD
CONNECTOR END PLATING		TIN	CONNECTOR END PLATING		TIN	CONNECTOR END PLATING		GOLD
DIM. D (MEASURE PT.)		(2.54)/.100	DIM. D (MEASURE PT.)		(4.57)/.180	DIM. D (MEASURE PT.)		(2.54)/.100
P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN
DIM. F (MEASURE PT.)		(1.27)/.050	DIM. F (MEASURE PT.)		(1.27)/.050	DIM. F (MEASURE PT.)		(1.27)/.050
PACKAGING		SEE NOTE 4 ON SHT. 1	PACKAGING		SEE NOTE 4 ON SHT. 1	PACKAGING		SEE NOTE 4 ON SHT. 1
CKTS	EDP NUMBER	ENG. NUMBER	CKTS	EDP NUMBER	ENG. NUMBER	CKTS	EDP NUMBER	ENG. NUMBER
04	10-88-3041	A-70216-0079	04	10-88-3042	A-70216-0118	04	10-89-4042	A-70216-0235
06	10-88-3061	A-70216-0080	06	10-88-3062	A-70216-0119	06	10-89-4062	A-70216-0236
08	10-88-3081	A-70216-0081	08	10-88-3082	A-70216-0120	08	10-89-4082	A-70216-0237
10	10-88-3101	A-70216-0082	10	10-88-3102	A-70216-0121	10	10-89-4102	A-70216-0238
12	10-88-3121	A-70216-0083	12	10-88-3122	A-70216-0122	12	10-89-4122	A-70216-0239
14	10-88-3141	A-70216-0084	14	10-88-3142	A-70216-0123	14	10-89-4142	A-70216-0240
16	10-88-3161	A-70216-0085	16	10-88-3162	A-70216-0124	16	10-89-4162	A-70216-0241
18	10-88-3181	A-70216-0086	18	10-88-3182	A-70216-0125	18	10-89-4182	A-70216-0242
20	10-88-3201	A-70216-0087	20	10-88-3202	A-70216-0126	20	10-89-4202	A-70216-0243
22	10-88-3221	A-70216-0088	22	10-88-3222	A-70216-0127	22	10-89-4222	A-70216-0244
24	10-88-3241	A-70216-0089	24	10-88-3242	A-70216-0128	24	10-89-4242	A-70216-0245
26	10-88-3261	A-70216-0090	26	10-88-3262	A-70216-0129	26	10-89-4262	A-70216-0246
28	10-88-3281	A-70216-0091	28	10-88-3282	A-70216-0130	28	10-89-4282	A-70216-0247
30	10-88-3301	A-70216-0092	30	10-88-3302	A-70216-0131	30	10-89-4302	A-70216-0248

REV: <b>A1</b>	ECR/ECN INFORMATION	TITLE: <b>RT. ANG. WAFER ASS'Y 2.54/.100 GRID, DUAL ROW BREAKAWAY 0.64/.025 PINS</b>	SHEET No. <b>- 2 -</b>
	EC No: <b>UCP2007-1509</b>		
	DATE: <b>2006-12-18</b>		
DOCUMENT NUMBER: <b>SD-70216-001</b>	CREATED / REVISED BY: <b>PRIDDER</b>	CHECKED BY: <b>ADERR</b>	APPROVED BY: <b>FSMITH</b>

ENG. NO: A-70216-0274/0287			ENG. NO: A-70216-0391/0404			ENG. NO: A-70216-0430/0443		
DIM. C		(8.13)/.320	DIM. C		(6.10)/.240	DIM. C		(8.13)/.320
DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110
FINISH		15 GOLD	FINISH		30 GOLD	FINISH		30 GOLD
CONNECTOR END PLATING		GOLD	CONNECTOR END PLATING		GOLD	CONNECTOR END PLATING		GOLD
DIM. D (MEASURE PT.)		(4.57)/.180	DIM. D (MEASURE PT.)		(2.54)/.100	DIM. D (MEASURE PT.)		(4.57)/.180
P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN
DIM. F (MEASURE PT.)		(1.27)/.050	DIM. F (MEASURE PT.)		(1.27)/.050	DIM. F (MEASURE PT.)		(1.27)/.050
PACKAGING		SEE NOTE 4 ON SHT. 1	PACKAGING		SEE NOTE 4 ON SHT. 1	PACKAGING		SEE NOTE 4 ON SHT. 1
CKTS	EDP NUMBER	ENG. NUMBER	CKTS	EDP NUMBER	ENG. NUMBER	CKTS	EDP NUMBER	ENG. NUMBER
04	10-89-4043	A-70216-0274	04	10-89-4046	A-70216-0391	04	10-89-4047	A-70216-0430
06	10-89-4063	A-70216-0275	06	10-89-4066	A-70216-0392	06	10-89-4067	A-70216-0431
08	10-89-4083	A-70216-0276	08	10-89-4086	A-70216-0393	08	10-89-4087	A-70216-0432
10	10-89-4103	A-70216-0277	10	10-89-4106	A-70216-0394	10	10-89-4107	A-70216-0433
12	10-89-4123	A-70216-0278	12	10-89-4126	A-70216-0395	12	10-89-4127	A-70216-0434
14	10-89-4143	A-70216-0279	14	10-89-4146	A-70216-0396	14	10-89-4147	A-70216-0435
16	10-89-4163	A-70216-0280	16	10-89-4166	A-70216-0397	16	10-89-4167	A-70216-0436
18	10-89-4183	A-70216-0281	18	10-89-4186	A-70216-0398	18	10-89-4187	A-70216-0437
20	10-89-4203	A-70216-0282	20	10-89-4206	A-70216-0399	20	10-89-4207	A-70216-0438
22	10-89-4223	A-70216-0283	22	10-89-4226	A-70216-0400	22	10-89-4227	A-70216-0439
24	10-89-4243	A-70216-0284	24	10-89-4246	A-70216-0401	24	10-89-4247	A-70216-0440
26	10-89-4263	A-70216-0285	26	10-89-4266	A-70216-0402	26	10-89-4267	A-70216-0441
28	10-89-4283	A-70216-0286	28	10-89-4286	A-70216-0403	28	10-89-4287	A-70216-0442
30	10-89-4303	A-70216-0287	30	10-89-4306	A-70216-0404	30	10-89-4307	A-70216-0443

REV: <b>A1</b>	ECR/ECN INFORMATION	TITLE: RT. ANG. WAFER ASS'Y 2.54/.100 GRID, DUAL ROW BREAKAWAY 0.64/.025 PINS	SHEET No. <b>- 3 -</b>
	EC No: <b>UCP2007-1509</b>		
	DATE: <b>2006-12-18</b>		
DOCUMENT NUMBER: <b>SD-70216-001</b>	CREATED / REVISED BY: <b>PRIDDER</b>	CHECKED BY: <b>ADERR</b>	APPROVED BY: <b>FSMITH</b>

