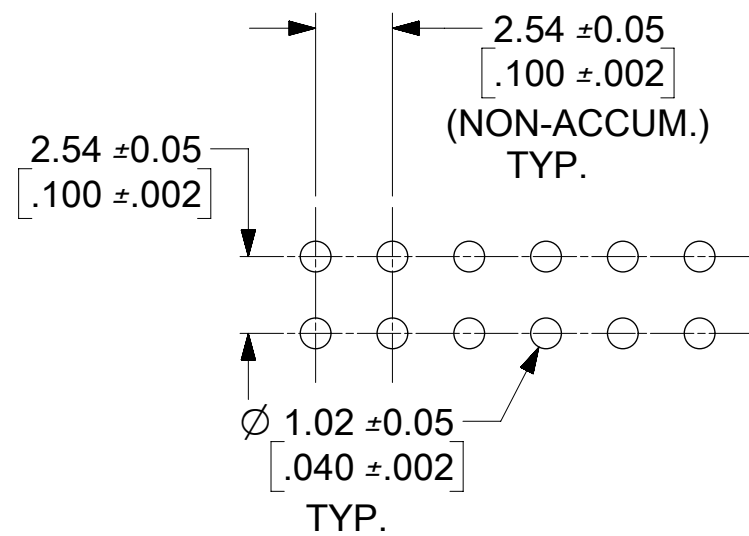
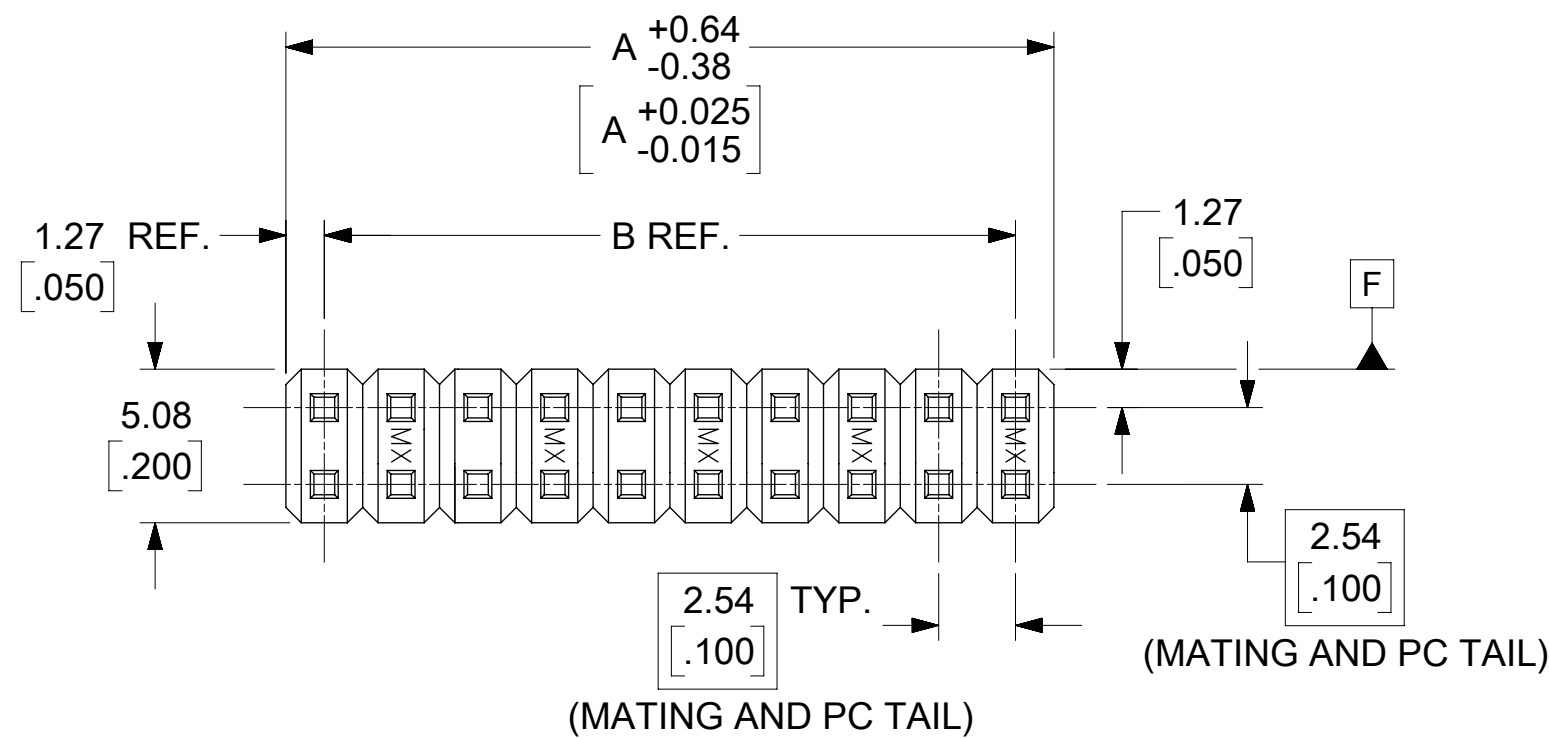


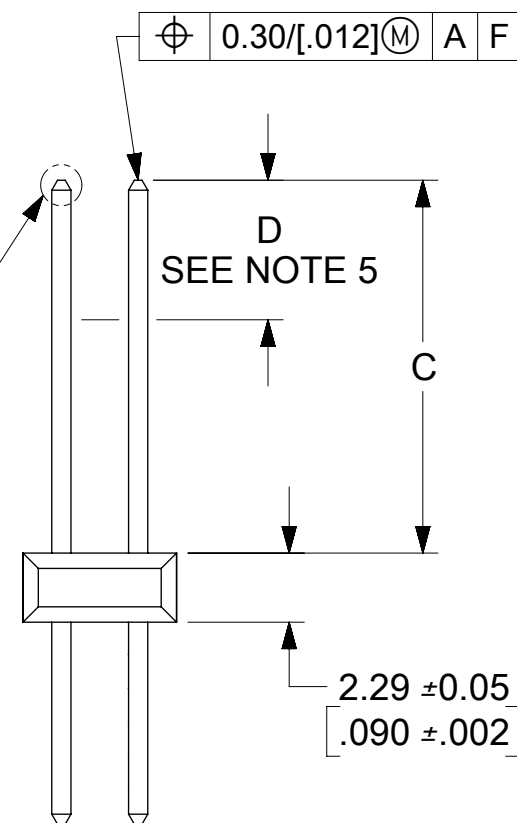
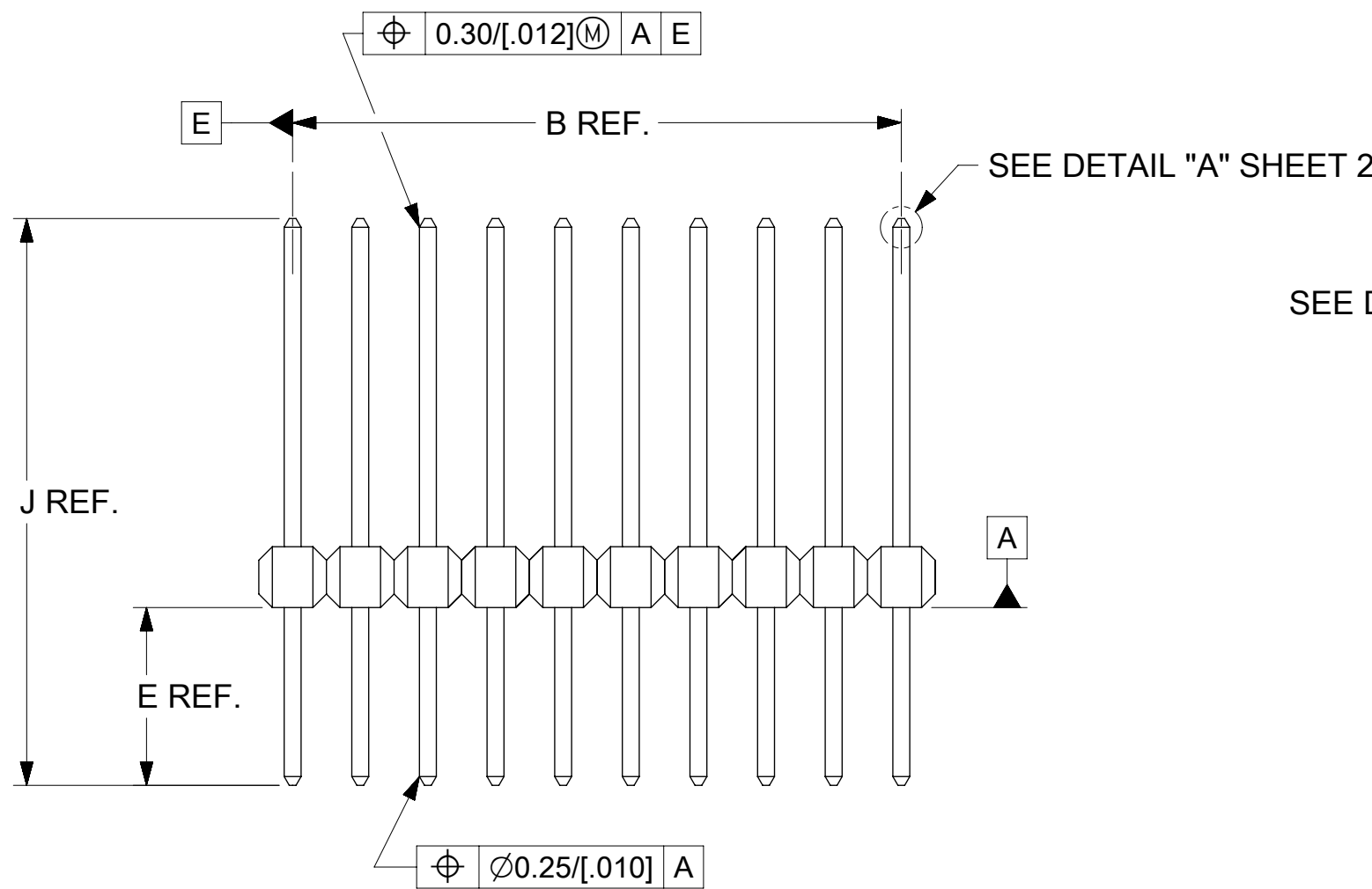
CKT. SIZE	DIM. A REF.		DIM. B	
	MM	INCH	MM	INCH
4	5.08	.200	2.54	.100
6	7.62	.300	5.08	.200
8	10.16	.400	7.62	.300
10	12.70	.500	10.16	.400
12	15.24	.600	12.70	.500
14	17.78	.700	15.24	.600
16	20.32	.800	17.78	.700
18	22.86	.900	20.32	.800
20	25.40	1.000	22.86	.900
22	27.94	1.100	25.40	1.000
24	30.48	1.200	27.94	1.100
26	33.02	1.300	30.48	1.200
28	35.56	1.400	33.02	1.300
30	38.10	1.500	35.56	1.400
32	40.64	1.600	38.10	1.500
34	43.18	1.700	40.64	1.600
36	45.72	1.800	43.18	1.700
38	48.26	1.900	45.72	1.800
40	50.80	2.000	48.26	1.900
42	53.34	2.100	50.80	2.000
44	55.88	2.200	53.34	2.100
46	58.42	2.300	55.88	2.200
48	60.96	2.400	58.42	2.300
50	63.50	2.500	60.96	2.400
52	66.04	2.600	63.50	2.500
54	68.58	2.700	66.04	2.600
56	71.12	2.800	68.58	2.700
58	73.66	2.900	71.12	2.800
60	76.20	3.000	73.66	2.900
62	78.74	3.100	76.20	3.000
64	81.28	3.200	78.74	3.100
66	83.82	3.300	81.28	3.200
68	86.36	3.400	83.82	3.300
70	88.90	3.500	86.36	3.400
72	91.44	3.600	88.90	3.500
74	93.98	3.700	91.44	3.600
76	96.52	3.800	93.98	3.700
78	99.06	3.900	96.52	3.800
80	101.06	4.000	99.06	3.900
82	104.14	4.100	101.06	4.000
84	106.68	4.200	104.14	4.100
86	109.22	4.300	106.68	4.200
88	111.76	4.400	109.22	4.300
90	114.30	4.500	111.76	4.400
92	116.84	4.600	114.30	4.500
94	119.38	4.700	116.84	4.600
96	121.92	4.800	119.38	4.700
98	124.46	4.900	121.92	4.800
100	127.00	5.000	124.46	4.900

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/11	07:13:08
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12	11	10	9	8	7	6	5	4	3	2	1
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RECOMMENDED P.C. BOARD HOLE LAYOUT



NOTES:

- MATERIAL: WAFER- GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL 94V-0, COLOR: BLACK
PIN- COPPER ALLOY
- FINISH: (BRIGHT TIN) 0.00381/[.000150] MINIMUM TIN PLATE OVER NICKEL UNDERPLATE
- PRODUCT SPECIFICATION: PS-70280
- PACKAGING INFORMATION: PACKAGE IN TUBES PER PK-70873-0276 UNLESS OTHERWISE NOTED IN TABLES.
- DIMENSION D IS THE MEASURE POINT FOR PLATING THICKNESS AND PIN WIDTH.
- WAFER TO BE FLAT WITHIN 0.003 MM/MM OR [.003 IN./IN].
- PIN DIMENSION SHOULD BE SYMMETRICAL WITHIN TOLERANCE SHOWN.
- ALL PIN TIPS AND EDGES MAY BE RADIUS - R 0.127/[.005] MAXIMUM.
- NO BURRS ON TIPS OR PIN EDGES.
- ALL PIN DIMENSIONS INCLUDE PLATING.
- PIN PUSHOUT FORCE 3 LBS. MINIMUM (IN EITHER DIRECTION)
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE SHOWN.
- PINS MUST MEET SOLDERABILITY SPECIFICATION SMES-152. VOIDS PERMISSIBLE AT BANDOLIER FAYING SURFACE.
(APPROXIMATELY 0.64/[.025] LNG X 0.15/[.006] WIDE REF.) - 2 LOCATIONS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex				
MM/INCH		4:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)								SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS				
	MM	INCH										
4 PLACES	±		±	EC NO: 613447		DRWN: ABABU01		2019/03/01				
3 PLACES	±		± 0.005	CHK'D: NMANE02		2019/03/11						
2 PLACES	±	0.13	± 0.01	APPR: MRAMAKRISHNA		2019/03/11						
1 PLACE	±	0.25	±	INITIAL REVISION:				PRODUCT CUSTOMER DRAWING				
0 PLACES	±		±	DRWN: BSMART		2005/01/19		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °				APPR: SMILLER		2005/01/19		SD-70280-001		PSD	001	D3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	70280	SEE TABLE		GENERAL MARKET		1 OF 3

12		11		10		9		8		7		6		5		4		3		2		1	
ENGINEERING NUMBER A-70280-					E REF.		J REF.	C ±0.25 [C±.010]			CONNECTOR END PLATING			P.C. BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)						
-4400/-4448					3.76 [.148]		15.88 [.625]	9.83 [.387]			TYPE	D MEAS.		TYPE									
											BRIGHT TIN	4.57 [.180]		BRIGHT TIN									

CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS
04	70280-4400				04
06	70280-4401				06
08	70280-4402				08
10	70280-4403				10
12	70280-4404				12
14	70280-4405				14
16	70280-4406				16
18	70280-4407				18
20	70280-4408				20
22	70280-4409				22
24	70280-4410				24
26	70280-4411				26
28	70280-4412				28
30	70280-4413				30
32	70280-4414				32
34	70280-4415				34
36	70280-4416				36
38	70280-4417				38
40	70280-4418				40
42	70280-4419				42
44	70280-4420				44
46	70280-4421				46
48	70280-4422				48
50	70280-4423				50
52	70280-4424				52
54	70280-4425				54
56	70280-4426				56
58	70280-4427				58
60	70280-4428				60
62	70280-4429				62
64	70280-4430				64
66	70280-4431				66
68	70280-4432				68
70	70280-4433				70
72	70280-4434				72
74	70280-4435				74
76	70280-4436				76
78	70280-4437				78
80	70280-4438				80

CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS
82	70280-4439				82
84	70280-4440				84
86	70280-4441				86
88	70280-4442				88
90	70280-4443				90
92	70280-4444				92
94	70280-4445				94
96	70280-4446				96
98	70280-4447				98
100	70280-4448				100

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DIMENSION UNITS

MM/INCH

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: MIGRATED TO NX

EC NO: 613447

DRWN: ABABU01

CHK'D: NMANE02

APPR: MRAMAKRISHNA

2019/03/01

2019/03/11

2019/03/11

INITIAL REVISION:

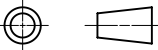
DRWN: BSMART

APPR: SMILLER

2005/01/19

2005/01/19

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

70280

SALES ASSY-HIGH TEMP.
DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ
PINS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-70280-001

DOC TYPE

PSD

DOC PART

001

REVISION

D3

MATERIAL NUMBER

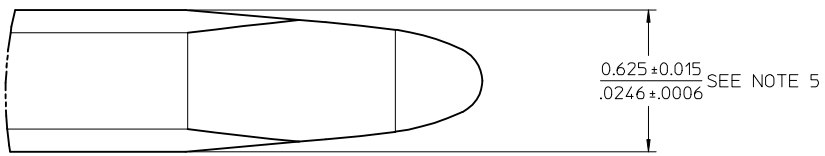
SEE TABLE

CUSTOMER

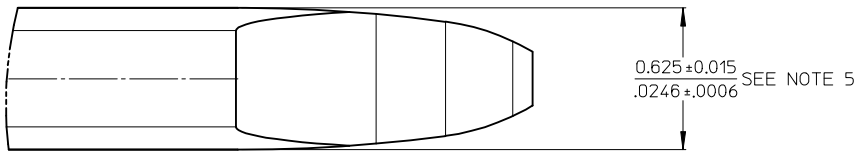
GENERAL MARKET

SHEET NUMBER

3 OF 3



DETAIL "A"
SCALE 30:1



DETAIL "B"
SCALE 30:1

CHANGE PIN EC NO: UCP2008-1376 2009/06/30 DRWNG:GAVRILL CHKD:JBELL 2009/07/01 APPR:FSMITH 2009/07/01	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
							DRAWN BY DATE		TITLE SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPTION .025 MOLEX INCORPORATED				
							CHECKED BY DATE						
							BBARKER 01/19/2005						
							APPROVED BY DATE						
							SMILELR 01/19/2005						
					ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
							SEE TABLE		SD-70280-001		2 OF 3		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	13	12	11	10	9	8	7	6	5	4	3	2	1												
J	ENGINEERING NUMBER A-70280-				E REF.	J REF.	C (0.25) ±.010		CONNECTOR END PLATING			P.C. BOARD END PLATING		FOR PACKAGING INFORMATION. SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)	J										
	-4400/-4448				3.76 .148	15.88 .625	9.83 .387			BRIGHT TIN	4.57 .180	BRIGHT TIN													
I														I											
H														H											
	CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS	CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS												
G	04	70280-4400				04	82	70280-4439					82	G											
	06	70280-4401				06	84	70280-4440					84												
	08	70280-4402				08	86	70280-4441					86												
	10	70280-4403				10	88	70280-4442					88												
	12	70280-4404				12	90	70280-4443					90												
	14	70280-4405				14	92	70280-4444					92												
	16	70280-4406				16	94	70280-4445					94												
	18	70280-4407				18	96	70280-4446					96												
	20	70280-4408				20	98	70280-4447					98												
F	22	70280-4409				22	100	70280-4448					100	F											
	24	70280-4410				24																			
	26	70280-4411				26																			
	28	70280-4412				28																			
	30	70280-4413				30																			
	32	70280-4414				32																			
	34	70280-4415				34																			
	36	70280-4416				36																			
	38	70280-4417				38																			
E	40	70280-4418				40								E											
	42	70280-4419				42																			
	44	70280-4420				44																			
	46	70280-4421				46																			
	48	70280-4422				48																			
	50	70280-4423				50																			
	52	70280-4424				52																			
	54	70280-4425				54																			
D	56	70280-4426				56								D											
	58	70280-4427				58																			
	60	70280-4428				60																			
	62	70280-4429				62																			
	64	70280-4430				64																			
	66	70280-4431				66																			
	68	70280-4432				68																			
C	70	70280-4433				70								C											
	72	70280-4434				72																			
	74	70280-4435				74																			
	76	70280-4436				76																			
	78	70280-4437				78																			
	80	70280-4438				80																			
B														B											
A														A											
ib_frame_C_P_ME_T Rev. E 2006/04/15														12	11	10	9	8	7	6	5	4	3	2	1

OBSELETE P/N'S
EC NO: UCP2007-3007
DRAWN/KIPPER 2007/05/30
CHKD:ADERR 2007/05/31
APPR:FSM TH 2007/06/04
REV DESCRIPTION

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.005	±.0005
3 PLACES	±.01	±.001
2 PLACES	±.025	±.0025
1 PLACE	±.05	±.005
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
BSMART	01/19/2005
CHECKED BY	DATE
BBARKER	01/19/2005
APPROVED BY	DATE
SMILLER	01/19/2005
MATERIAL NO.	

SIZE
C

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

SCALE

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

SALES ASSY-HIGH TEMP.
DUAL ROW WAFER W/BREAK-
OFF OPTION, .025 SQ PINS

SD-70280-001

SHEET NO.
3 OF 3