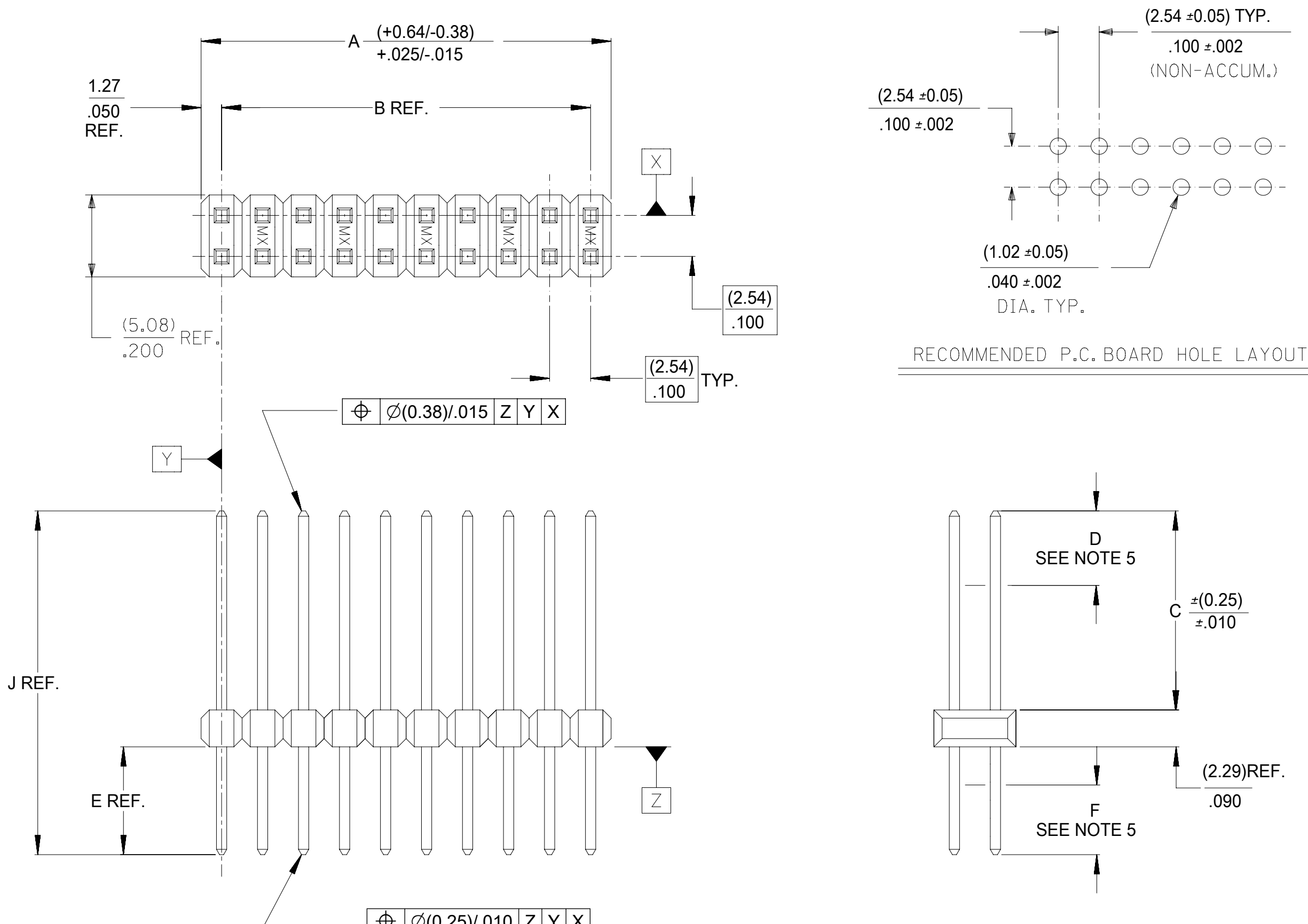


CKT. SIZE	DIM. A		DIM. B REF.	
	(MM)	INCH	(MM)	INCH
4	(5.08)	0.200	(2.54)	0.100
6	(7.62)	0.300	(5.08)	0.200
8	(10.16)	0.400	(7.62)	0.300
10	(12.70)	0.500	(10.16)	0.400
12	(15.24)	0.600	(12.70)	0.500
14	(17.78)	0.700	(15.24)	0.600
16	(20.32)	0.800	(17.78)	0.700
18	(22.86)	0.900	(20.32)	0.800
20	(25.40)	1.000	(22.86)	0.900
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	(101.60)	4.000	(99.06)	3.900
82	(104.14)	4.100	(101.60)	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



- NOTES:**
- MATERIAL:**  
PIN: COPPER ALLOY  
WAFER: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK).
  - FINISH:**  
TIN = (0.00380)/.000150 MINIMUM TIN PLATE  
OVER (0.00127)/.000050 MINIMUM NICKEL PLATE.  
15 GOLD = (0.00038)/.000015 MINIMUM GOLD PLATE IN SELECT AREA,  
(0.00190)/.000075 MINIMUM TIN PLATE IN SELECT AREA,  
OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.  
30 GOLD = (0.00076)/.000030 MINIMUM GOLD PLATE IN SELECT AREA,  
(0.00190)/.000075 MINIMUM TIN PLATE IN SELECT AREA,  
OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.  
GT15 = (0.00038)/.000015 MINIMUM GOLD PLATE IN SELECT AREA,  
(0.00254)/.000100 MINIMUM TIN PLATE IN SELECT AREA,  
OVER (0.00127)/.000050 MINIMUM NICKEL PLATE OVERALL.
  - PRODUCT SPECIFICATION:** NONE
  - PACKAGING INFORMATION:** (UNLESS OTHERWISE NOTED IN TABLES)  
BULK PACK PER PK-70873-0353.
  - MEASURE POINT FOR PLATING THICKNESS.**
  - FOR ASSEMBLIES WITH VOIDED PINS, REFER TO DRAWING NO.**  
SDA-70280-5001-9999.
  - PIN PUSHOUT FORCE:** 3 POUNDS MINIMUM IN EITHER DIRECTION.
  - FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.**
  - PINS MEET SOLDERABILITY SPEC SMES-152. ABSENCE OF PLATING PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE.**  
(APPROXIMATELY (0.64)/.025 INCH LONG BY (0.15)/.006 INCH WIDE AT 2 LOCATIONS)
  - PARTS CONFORM TO CLASS B OF COSMETIC SPECIFICATION**  
PS-45499-002
- \* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD PLATING.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS <b>MM/IN</b>		SCALE <b>4:1</b>		CURRENT REV DESC: MIGRATED TO ECTR						
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 604937						
		MM	INCH	DRWN: GSHARMA 2018/09/21						
4 PLACES ±		±		CHK'D: ISHWARG 2018/10/04		SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPT. .025 SQ PINS				
3 PLACES ±		± 0.005		APPR: ISHWARG 2018/10/04						
2 PLACES ±		0.13 ± 0.01		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING				
1 PLACE ±		0.25 ±		DRWN: SMR 04/19/1993						
0 PLACES ±		±		APPR: SMR 04/19/1993		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING		SERIES	MATERIAL NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		70280		CUSTOMER		SHEET NUMBER
						SEE TABLE		GENERAL MARKET		1 OF 9



ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE	E REF.	J REF.	C (0.25) ±.010	MATING END PLATING			P.C BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
					TYPE	D MEAS.		TYPE	F MEAS.		
-0281/-0320	R.F.M.	(2.92) .115	(12.83) .505	(7.62) .300	TIN	(4.57) .180		TIN	(1.27) .050		PK-70873-0090
-0361/-0399	R.F.M.	(3.68) .145	(17.02) .670	(11.05) .435	TIN	(6.46) .254		TIN	(1.23) .048		PK-70873-0276
-0549/-0588	R.F.M.	(2.72) .107	(11.10) .437	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		PK-70873-0090
-0589/-0628	R.F.M.	(4.45) .175	(12.83) .505	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
	N.A	AX-70280-0281							N/A	A-70280-0549	N/A	A-70280-0589			
4	010-97-7047	A-70280-0282			70280-0361	A-70280-0361			70280-0550	A-70280-0550	70280-0590	A-70280-0590			4
6	010-97-7067	A-70280-0283			70280-0362	A-70280-0362			70280-0551	A-70280-0551	70280-0591	A-70280-0591			6
8	010-97-7087	A-70280-0284			70280-0363	A-70280-0363			70280-0552	A-70280-0552	70280-0592	A-70280-0592			8
10	010-97-7107	A-70280-0285			70280-0364	A-70280-0364			70280-0553	A-70280-0553	70280-0593	A-70280-0593			10
12	010-97-7127	A-70280-0286			70280-0365	A-70280-0365			70280-0554	A-70280-0554	70280-0594	A-70280-0594			12
14	010-97-7147	A-70280-0287			70280-0366	A-70280-0366			70280-0555	A-70280-0555	70280-0595	A-70280-0595			14
16	010-97-7167	A-70280-0288			70280-0367	A-70280-0367			70280-0556	A-70280-0556	70280-0596	A-70280-0596			16
18	010-97-7187	A-70280-0289			70280-0368	A-70280-0368			70280-0557	A-70280-0557	70280-0597	A-70280-0597			18
20	010-97-7207	A-70280-0290			70280-0369	A-70280-0369			70280-0558	A-70280-0558	70280-0598	A-70280-0598			20
22	010-97-7227	A-70280-0291			70280-0370	A-70280-0370			70280-0559	A-70280-0559	70280-0599	A-70280-0599			22
24	010-97-7247	A-70280-0292			70280-0371	A-70280-0371			70280-0560	A-70280-0560	70280-0600	A-70280-0600			24
26	010-97-7267	A-70280-0293			70280-0372	A-70280-0372			70280-0561	A-70280-0561	70280-0601	A-70280-0601			26
28	010-97-7287	A-70280-0294			70280-0373	A-70280-0373			70280-0562	A-70280-0562	70280-0602	A-70280-0602			28
30	010-97-7307	A-70280-0295			70280-0374	A-70280-0374			70280-0563	A-70280-0563	70280-0603	A-70280-0603			30
32	010-97-7327	A-70280-0296			70280-0375	A-70280-0375			70280-0564	A-70280-0564	70280-0604	A-70280-0604			32
34	010-97-7347	A-70280-0297			70280-0376	A-70280-0376			70280-0565	A-70280-0565	70280-0605	A-70280-0605			34
36	010-97-7367	A-70280-0298			70280-0377	A-70280-0377			70280-0566	A-70280-0566	70280-0606	A-70280-0606			36
38	010-97-7387	A-70280-0299			70280-0378	A-70280-0378			70280-0567	A-70280-0567	70280-0607	A-70280-0607			38
40	010-97-7407	A-70280-0300			70280-0379	A-70280-0379			70280-0568	A-70280-0568	70280-0608	A-70280-0608			40
42	010-97-7427	A-70280-0301			70280-0380	A-70280-0380			70280-0569	A-70280-0569	70280-0609	A-70280-0609			42
44	010-97-7447	A-70280-0302			70280-0381	A-70280-0381			70280-0570	A-70280-0570	70280-0610	A-70280-0610			44
46	010-97-7467	A-70280-0303			70280-0382	A-70280-0382			70280-0571	A-70280-0571	70280-0611	A-70280-0611			46
48	010-97-7487	A-70280-0304			70280-0383	A-70280-0383			70280-0572	A-70280-0572	70280-0612	A-70280-0612			48
50	010-97-7507	A-70280-0305			70280-0384	A-70280-0384			70280-0573	A-70280-0573	70280-0613	A-70280-0613			50
52	010-97-7527	A-70280-0306			70280-0385	A-70280-0385			70280-0574	A-70280-0574	70280-0614	A-70280-0614			52
54	010-97-7547	A-70280-0307			70280-0386	A-70280-0386			70280-0575	A-70280-0575	70280-0615	A-70280-0615			54
56	010-97-7567	A-70280-0308			70280-0387	A-70280-0387			70280-0576	A-70280-0576	70280-0616	A-70280-0616			56
58	010-97-7587	A-70280-0309			70280-0388	A-70280-0388			70280-0577	A-70280-0577	70280-0617	A-70280-0617			58
60	010-97-7607	A-70280-0310			70280-0389	A-70280-0389			70280-0578	A-70280-0578	70280-0618	A-70280-0618			60
62	010-97-7627	A-70280-0311			70280-0390	A-70280-0390			70280-0579	A-70280-0579	70280-0619	A-70280-0619			62
64	010-97-7647	A-70280-0312			70280-0391	A-70280-0391			70280-0580	A-70280-0580	70280-0620	A-70280-0620			64
66	010-97-7667	A-70280-0313			70280-0392	A-70280-0392			70280-0581	A-70280-0581	70280-0621	A-70280-0621			66
68	010-97-7687	A-70280-0314			70280-0393	A-70280-0393			70280-0582	A-70280-0582	70280-0622	A-70280-0622			68
70	010-97-7707	A-70280-0315			70280-0394	A-70280-0394			70280-0583	A-70280-0583	70280-0623	A-70280-0623			70
72	010-97-7727	A-70280-0316			70280-0395	A-70280-0395			70280-0584	A-70280-0584	70280-0624	A-70280-0624			72
74	010-97-7747	A-70280-0317			70280-0396	A-70280-0396			70280-0585	A-70280-0585	70280-0625	A-70280-0625			74
76	010-97-7767	A-70280-0318			70280-0397	A-70280-0397			70280-0586	A-70280-0586	70280-0626	A-70280-0626			76
78	010-97-7787	A-70280-0319			70280-0398	A-70280-0398			70280-0587	A-70280-0587	70280-0627	A-70280-0627			78
80	010-97-7807	A-70280-0320			70280-0399	A-70280-0399			70280-0588	A-70280-0588	70280-0628	A-70280-0628			80

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV DESC: MIGRATED TO ECTR	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 604937	
4 PLACES ±	±	DRWN: GSHARMA	2018/09/21
3 PLACES ±	± 0.005	CHK'D: ISHWARG	2018/10/04
2 PLACES ±	± 0.13 ± 0.01	APPR: ISHWARG	2018/10/04
1 PLACE ±	± 0.25 ±	INITIAL REVISION:	
0 PLACES ±	±	DRWN: SMR	04/19/1993
ANGULAR TOL ± 0.5 °		APPR: SMR	04/19/1993
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		<b>C-SIZE</b>	<b>70280</b>

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
<b>SDA-70280-0001-4000</b>	PSD	001	<b>H</b>

MATERIAL NUMBER: SEE TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 3 OF 9



ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE	E REF.	J REF.	C (0.25) ±.010	MATING END PLATING			P.C BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
					TYPE	D MEAS.		TYPE	F MEAS.		
-0439/-0448	R.F.M.	(2.72) .107	(11.10) .437	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		
-0449/-0458	R.F.M.	(2.72) .107	(11.10) .437	(6.10) .240	15 GOLD	(2.54) .100		TIN	(1.27) .050		
-0459/-0468	R.F.M.	(2.72) .107	(11.10) .437	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.23) .048		
-0469/-0478	R.F.M.	(2.79) .110	(13.21) .520	(8.13) .320	TIN	(4.57) .180		TIN	(1.27) .050		
-0479/-0488	R.F.M.	(2.79) .110	(13.21) .520	(8.13) .320	15 GOLD	(4.57) .180		TIN	(1.27) .050		
-0489/-0498	R.F.M.	(2.79) .110	(13.21) .520	(8.13) .320	30 GOLD	(4.57) .180		TIN	(1.27) .050		
-0499/-0508	R.F.M.	(3.94) .155	(12.32) .485	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050		

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
82	70280-0439	A-70280-0439	70280-0449	A-70280-0449	70280-0459	A-70280-0459	70280-0469	A-70280-0469	70280-0479	A-70280-0479	70280-0489	A-70280-0489	70280-0499	A-70280-0499	82
84	70280-0440	A-70280-0440	70280-0450	A-70280-0450	70280-0460	A-70280-0460	70280-0470	A-70280-0470	70280-0480	A-70280-0480	70280-0490	A-70280-0490	70280-0500	A-70280-0500	84
86	70280-0441	A-70280-0441	70280-0451	A-70280-0451	70280-0461	A-70280-0461	70280-0471	A-70280-0471	70280-0481	A-70280-0481	70280-0491	A-70280-0491	70280-0501	A-70280-0501	86
88	70280-0442	A-70280-0442	70280-0452	A-70280-0452	70280-0462	A-70280-0462	70280-0472	A-70280-0472	70280-0482	A-70280-0482	70280-0492	A-70280-0492	70280-0502	A-70280-0502	88
90	70280-0443	A-70280-0443	70280-0453	A-70280-0453	70280-0463	A-70280-0463	70280-0473	A-70280-0473	70280-0483	A-70280-0483	70280-0493	A-70280-0493	70280-0503	A-70280-0503	90
92	70280-0444	A-70280-0444	70280-0454	A-70280-0454	70280-0464	A-70280-0464	70280-0474	A-70280-0474	70280-0484	A-70280-0484	70280-0494	A-70280-0494	70280-0504	A-70280-0504	92
94	70280-0445	A-70280-0445	70280-0455	A-70280-0455	70280-0465	A-70280-0465	70280-0475	A-70280-0475	70280-0485	A-70280-0485	70280-0495	A-70280-0495	70280-0505	A-70280-0505	94
96	70280-0446	A-70280-0446	70280-0456	A-70280-0456	70280-0466	A-70280-0466	70280-0476	A-70280-0476	70280-0486	A-70280-0486	70280-0496	A-70280-0496	70280-0506	A-70280-0506	96
98	70280-0447	A-70280-0447	70280-0457	A-70280-0457	70280-0467	A-70280-0467	70280-0477	A-70280-0477	70280-0487	A-70280-0487	70280-0497	A-70280-0497	70280-0507	A-70280-0507	98
100	70280-0448	A-70280-0448	70280-0458	A-70280-0458	70280-0468	A-70280-0468	70280-0478	A-70280-0478	70280-0488	A-70280-0488	70280-0498	A-70280-0498	70280-0508	A-70280-0508	100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV/DESC: MIGRATED TO ECTR		
GENERAL TOLERANCES (UNLESS SPECIFIED)		<b>molex</b> SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS PRODUCT CUSTOMER DRAWING		
4 PLACES ±	±			EC NO: 604937
3 PLACES ±	± 0.005			DRWN: GSHARMA 2018/09/21
2 PLACES ±	± 0.13 ± 0.01			CHK'D: ISHWARG 2018/10/04
1 PLACE ±	± 0.25 ±			APPR: ISHWARG 2018/10/04
0 PLACES ±	±	INITIAL REVISION:	DOCUMENT NUMBER	
ANGULAR TOL ± 0.5 °		DRWN: SMR 04/19/1993	<b>SDA-70280-0001-4000</b>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: SMR 04/19/1993	DOC TYPE   DOC PART   REVISION <b>PSD   001   H</b>	
		DRAWING   SERIES <b>C-SIZE   70280</b>	MATERIAL NUMBER   CUSTOMER   SHEET NUMBER <b>SEE TABLE   GENERAL MARKET   5 OF 9</b>	

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	09:58:28
-----------------	----	--------------	------------	----------



ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE	E REF.	J REF.	C (0.25) ±.010	MATING END PLATING			P.C BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
					TYPE	D MEAS.		TYPE	F MEAS.		
-0509/0518	R.F.M.	(2.92) .115	(12.83) .505	(7.62) .300	TIN	(4.57) .180		TIN	(1.27) .050		PK-70873-0090
-0529/0538	R.F.M.	(3.68) .145	(17.02) .670	(11.05) .435	TIN	(6.46) .254		TIN	(1.23) .048		PK-70873-0276
-0869/0878	R.F.M.	(2.67) .105	(11.05) .435	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		PK-70873-0090
-0879/0888	R.F.M.	(4.45) .175	(12.83) .505	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		
-0889/0898	R.F.M.	(4.45) .175	(12.83) .505	(6.10) .240	15 GOLD	(2.54) .100		TIN	(1.27) .050		

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
82	70280-0509	A-70280-0509			70280-0529	A-70280-0529			70280-0869	A-70280-0869	70280-0879	A-70280-0879	70280-0889	A-70280-0889	82
84	70280-0510	A-70280-0510			70280-0530	A-70280-0530			70280-0870	A-70280-0870	70280-0880	A-70280-0880	70280-0890	A-70280-0890	84
86	70280-0511	A-70280-0511			70280-0531	A-70280-0531			70280-0871	A-70280-0871	70280-0881	A-70280-0881	70280-0891	A-70280-0891	86
88	70280-0512	A-70280-0512			70280-0532	A-70280-0532			70280-0872	A-70280-0872	70280-0882	A-70280-0882	70280-0892	A-70280-0892	88
90	70280-0513	A-70280-0513			70280-0533	A-70280-0533			70280-0873	A-70280-0873	70280-0883	A-70280-0883	70280-0893	A-70280-0893	90
92	70280-0514	A-70280-0514			70280-0534	A-70280-0534			70280-0874	A-70280-0874	70280-0884	A-70280-0884	70280-0894	A-70280-0894	92
94	70280-0515	A-70280-0515			70280-0535	A-70280-0535			70280-0875	A-70280-0875	70280-0885	A-70280-0885	70280-0895	A-70280-0895	94
96	70280-0516	A-70280-0516			70280-0536	A-70280-0536			70280-0876	A-70280-0876	70280-0886	A-70280-0886	70280-0896	A-70280-0896	96
98	70280-0517	A-70280-0517			70280-0537	A-70280-0537			70280-0877	A-70280-0877	70280-0887	A-70280-0887	70280-0897	A-70280-0897	98
100	70280-0518	A-70280-0518			70280-0538	A-70280-0538			70280-0878	A-70280-0878	70280-0888	A-70280-0888	70280-0898	A-70280-0898	100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV DESC: MIGRATED TO ECTR		
GENERAL TOLERANCES (UNLESS SPECIFIED)		<b>molex</b> SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS PRODUCT CUSTOMER DRAWING		
4 PLACES ±	±			EC NO: 604937
3 PLACES ±	± 0.005			DRWN: GSHARMA 2018/09/21
2 PLACES ±	± 0.01			CHK'D: ISHWARG 2018/10/04
1 PLACE ±	± 0.25			APPR: ISHWARG 2018/10/04
0 PLACES ±	±	INITIAL REVISION:	DOCUMENT NUMBER	
ANGULAR TOL ± 0.5 °		DRWN: SMR 04/19/1993	<b>SDA-70280-0001-4000</b>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: SMR 04/19/1993	DOC TYPE	
		DRAWING	DOC PART	
	<b>C-SIZE</b>	SERIES	REVISION	
		<b>70280</b>	<b>H</b>	
		MATERIAL NUMBER	SHEET NUMBER	
		SEE TABLE	<b>6 OF 9</b>	
		CUSTOMER		
		GENERAL MARKET		

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04 09:58:28
-----------------	----	--------------	---------------------

ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE	E REF.	J REF.	C (0.25) ±.010	MATING END PLATING			P.C BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
					TYPE	D MEAS.		TYPE	F MEAS.		
-0899/0908	R.F.M.	(4.45) .175	(12.83) .505	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050		
-0909/0918	R.F.M.	(4.70) .185	(15.11) .595	(8.13) .320	TIN	(4.57) .180		TIN	(1.27) .050		
-0919/0928	R.F.M.	(4.70) .185	(15.11) .595	(8.13) .320	15 GOLD	(4.57) .180		TIN	(1.27) .050		
-0929/0938	R.F.M.	(4.70) .185	(15.11) .595	(8.13) .320	30 GOLD	(4.57) .180		TIN	(1.27) .050		
-0939/0948	R.F.M.	(5.08) .200	(13.21) .520	(5.84) .230	TIN	(2.54) .100		TIN	(1.27) .050		

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
82	70280-0899	A-70280-0899	70280-0909	A-70280-0909	70280-0919	A-70280-0919	70280-0929	A-70280-0929	70280-0939	A-70280-0939					82
84	70280-0900	A-70280-0900	70280-0910	A-70280-0910	70280-0920	A-70280-0920	70280-0930	A-70280-0930	70280-0940	A-70280-0940					84
86	70280-0901	A-70280-0901	70280-0911	A-70280-0911	70280-0921	A-70280-0921	70280-0931	A-70280-0931	70280-0941	A-70280-0941					86
88	70280-0902	A-70280-0902	70280-0912	A-70280-0912	70280-0922	A-70280-0922	70280-0932	A-70280-0932	70280-0942	A-70280-0942					88
90	70280-0903	A-70280-0903	70280-0913	A-70280-0913	70280-0923	A-70280-0923	70280-0933	A-70280-0933	70280-0943	A-70280-0943					90
92	70280-0904	A-70280-0904	70280-0914	A-70280-0914	70280-0924	A-70280-0924	70280-0934	A-70280-0934	70280-0944	A-70280-0944					92
94	70280-0905	A-70280-0905	70280-0915	A-70280-0915	70280-0925	A-70280-0925	70280-0935	A-70280-0935	70280-0945	A-70280-0945					94
96	70280-0906	A-70280-0906	70280-0916	A-70280-0916	70280-0926	A-70280-0926	70280-0936	A-70280-0936	70280-0946	A-70280-0946					96
98	70280-0907	A-70280-0907	70280-0917	A-70280-0917	70280-0927	A-70280-0927	70280-0937	A-70280-0937	70280-0947	A-70280-0947					98
100	70280-0908	A-70280-0908	70280-0918	A-70280-0918	70280-0928	A-70280-0928	70280-0938	A-70280-0938	70280-0948	A-70280-0948					100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV DESC: MIGRATED TO ECTR		
GENERAL TOLERANCES (UNLESS SPECIFIED)		<b>molex</b> SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS PRODUCT CUSTOMER DRAWING		
4 PLACES ±	±			EC NO: 604937
3 PLACES ±	± 0.005			DRWN: GSHARMA 2018/09/21
2 PLACES ±	± 0.13 ± 0.01			CHK'D: ISHWARG 2018/10/04
1 PLACE ±	± 0.25 ±			APPR: ISHWARG 2018/10/04
0 PLACES ±	±	INITIAL REVISION:	DOCUMENT NUMBER	
ANGULAR TOL ± 0.5 °		DRWN: SMR 04/19/1993	<b>SDA-70280-0001-4000</b>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: SMR 04/19/1993	DOC TYPE   DOC PART   REVISION	
		DRAWING   SERIES	PSD   001   H	
		C-SIZE   70280	MATERIAL NUMBER   CUSTOMER   SHEET NUMBER	
		SEE TABLE   GENERAL MARKET	7 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04 09:58:28
-----------------	----	--------------	---------------------

ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE	E REF.	J REF.	C (0.25) ±.010	MATING END PLATING		P.C BOARD END PLATING		FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)
					TYPE	D MEAS.	TYPE	F MEAS.	
-0949/-0987	R.F.M.	(3.43) .135	(11.81) .465	(6.10) .240	15 GOLD	(2.54) .100	TIN	(1.27) .050	
-1130/1168	R.F.M.	(3.56) .140	(15.24) .600	(9.40) .370	15 GOLD	(5.33) .210	TIN	(2.54) .100	
-1169/-1207	R.F.M.	(2.79) .110	(16.51) .650	(11.43) .450	15 GOLD	(4.57) .180	TIN	(2.54) .100	
-1208/-1246	R.F.M.	(5.08) .200	(13.21) .520	(5.84) .230	15 GOLD	(2.54) .100	TIN	(1.27) .050	

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
4		A-70280-0949															4
6		A-70280-0950															6
8		A-70280-0951															8
10	70280-0952	A-70280-0952															10
12		A-70280-0953															12
14		A-70280-0954															14
16		A-70280-0955															16
18		A-70280-0956															18
20		A-70280-0957															20
22		A-70280-0958															22
24		A-70280-0959						70280-1218	A-70280-1218								24
26		A-70280-0960	70280-1141	A-70280-1141													26
28		A-70280-0961															28
30		A-70280-0962															30
32		A-70280-0963			70280-1183	A-70280-1183											32
34		A-70280-0964															34
36		A-70280-0965															36
38		A-70280-0966															38
40		A-70280-0967															40
42		A-70280-0968															42
44		A-70280-0969															44
46		A-70280-0970															46
48		A-70280-0971															48
50		A-70280-0972															50
52		A-70280-0973															52
54		A-70280-0974															54
56		A-70280-0975															56
58		A-70280-0976															58
60		A-70280-0977															60
62		A-70280-0978															62
64		A-70280-0979															64
66		A-70280-0980															66
68		A-70280-0981															68
70		A-70280-0982															70
72		A-70280-0983															72
74		A-70280-0984															74
76		A-70280-0985															76
78		A-70280-0986															78
80		A-70280-0987															80

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV DESC: MIGRATED TO ECTR	
GENERAL TOLERANCES (UNLESS SPECIFIED)		SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS	
4 PLACES ±	MM INCH	EC NO: 604937	2018/09/21 2018/10/04 2018/10/04
3 PLACES ±	± 0.005	DRWN: GSHARMA	
2 PLACES ±	0.13 ± 0.01	CHK'D: ISHWARG	
1 PLACE ±	0.25 ±	APPR: ISHWARG	PRODUCT CUSTOMER DRAWING
0 PLACES ±	±	INITIAL REVISION:	
ANGULAR TOL ± 0.5 °		DRWN: SMR	DOCUMENT NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: SMR	DOC TYPE
			DOC PART
	DRAWING	SERIES	REVISION
	<b>C-SIZE</b>	<b>70280</b>	<b>SDA-70280-0001-4000</b>
			PSD
			001
			H
			SHEET NUMBER
			8 OF 9



12	11	10	9	8	7	6	5	4	3	2	1	
ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE			E REF.	J REF.	C (0.25) ±.010			MATING END PLATING	P.C BOARD END PLATING	FOR PACKAGING INFORMATION, SEE NOTE 4, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)	
-1247 / -1285	R.F.M			(3.68) .145	(17.02) .670	(11.05) .435			TYPE TIN	D MEAS. (6.46) 2.54	F MEAS. (1.23) .048	PK-70873-0276

CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS
4								4
6								6
8								8
10								10
12								12
14								14
16								16
18	70280-1254							18
20								20
22								22
24								24
26								26
28								28
30								30
32								32
34								34
36								36
38								38
40								40
42								42
44								44
46								46
48								48
50								50
52								52
54								54
56								56
58								58
60								60
62								62
64								64
66								66
68								68
70								70
72								72
74								74
76								76
78								78
80								80

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>1:1</b>	CURRENT REV DESC: MIGRATED TO ECTR		<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 604937				
4 PLACES ±	MM INCH	DRWN: GSHARMA 2018/09/21		2018/10/04		
3 PLACES ±	± 0.005	CHK'D: ISHWARG		2018/10/04		
2 PLACES ±	0.13 ± 0.01	APPR: ISHWARG		2018/10/04		
1 PLACE ±	0.25 ±	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING		
0 PLACES ±	±	DRWN: SMR 04/19/1993		DOCUMENT NUMBER		
ANGULAR TOL ± 0.5 °		APPR: SMR 04/19/1993		SDA-70280-0001-4000		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		C-SIZE	70280	SEE TABLE	GENERAL MARKET	9 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04 09:58:28
-----------------	----	--------------	---------------------

	13	12	11	10	9	8	7	6	5	4	3	2	1	
J	ENGINEERING NUMBER A-70280-	RELEASE FOR MANUFACTURE			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)
	-0899/-0908	R.F.M.			(4.45) .175	(12.83) .505	(6.10) .240			30 GOLD	(2.54) .100	TIN	(1.27) .050	
	-0909/-0918	R.F.M.			(4.70) .185	(15.11) .595	(8.13) .320			TIN	(4.57) .180	TIN	(1.27) .050	
I	-0919/-0928	R.F.M.			(4.70) .185	(15.11) .595	(8.13) .320			15 GOLD	(4.57) .180	TIN	(1.27) .050	
	-0929/-0938	R.F.M.			(4.70) .185	(15.11) .595	(8.13) .320			30 GOLD	(4.57) .180	TIN	(1.27) .050	
	-0939/-0948	R.F.M.			(5.08) .200	(13.21) .520	(5.84) .230			TIN	(2.54) .100	TIN	(1.27) .050	
H														

G															G
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
82	70280-0899	A-70280-0899	70280-0909	A-70280-0909	70280-0919	A-70280-0919	70280-0929	A-70280-0929	70280-0939	A-70280-0939					82
84	70280-0900	A-70280-0900	70280-0910	A-70280-0910	70280-0920	A-70280-0920	70280-0930	A-70280-0930	70280-0940	A-70280-0940					84
86	70280-0901	A-70280-0901	70280-0911	A-70280-0911	70280-0921	A-70280-0921	70280-0931	A-70280-0931	70280-0941	A-70280-0941					86
88	70280-0902	A-70280-0902	70280-0912	A-70280-0912	70280-0922	A-70280-0922	70280-0932	A-70280-0932	70280-0942	A-70280-0942					88
90	70280-0903	A-70280-0903	70280-0913	A-70280-0913	70280-0923	A-70280-0923	70280-0933	A-70280-0933	70280-0943	A-70280-0943					90
92	70280-0904	A-70280-0904	70280-0914	A-70280-0914	70280-0924	A-70280-0924	70280-0934	A-70280-0934	70280-0944	A-70280-0944					92
94	70280-0905	A-70280-0905	70280-0915	A-70280-0915	70280-0925	A-70280-0925	70280-0935	A-70280-0935	70280-0945	A-70280-0945					94
96	70280-0906	A-70280-0906	70280-0916	A-70280-0916	70280-0926	A-70280-0926	70280-0936	A-70280-0936	70280-0946	A-70280-0946					96
98	70280-0907	A-70280-0907	70280-0917	A-70280-0917	70280-0927	A-70280-0927	70280-0937	A-70280-0937	70280-0947	A-70280-0947					98
100	70280-0908	A-70280-0908	70280-0918	A-70280-0918	70280-0928	A-70280-0928	70280-0938	A-70280-0938	70280-0948	A-70280-0948					100

E															E
D															D
C															C
B															B
A															A

UPDATE DIMENSIONS FC NO: UCP2007-1440 DRAWN: PPI/DBER CHK'D: ADERR APPR: FSM/TH 2006/12/18 2006/12/18 2007/01/10	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM/IN		---	INCH			
		4 PLACES	± ---	± ---	DATE	TITLE				
		3 PLACES	± ---	± ---	DATE	SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK-OFF OPTION, .025 SQ PINS				
2 PLACES	± ---	± ---	DATE	MOLEX INCORPORATED						
1 PLACE	± ---	± ---	DATE	SDA-70280-0001-4000						
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-70280-0001-4000		7 OF 8				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										