

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)			
																		TYPE	D MEAS.		TYPE	F MEAS.				
-0001/-0040		R.F.M.						(2.72) .107				(11.10) .437		(6.10) .240						TIN	(2.54) .100		TIN	(1.27) .050		
-0001/-0080		R.F.M.						(2.72) .107				(11.10) .437		(6.10) .240						15 GOLD	(2.54) .100		TIN	(1.27) .050		
-0081/-0120		R.F.M.						(2.72) .107				(11.10) .437		(6.10) .240						30 GOLD	(2.54) .100		TIN	(1.27) .050		
-0121/-0160		R.F.M.						(2.79) .110				(13.21) .520		(8.13) .320						TIN	(4.57) .180		TIN	(1.27) .050		
-0161/-0200		R.F.M.						(2.79) .110				(13.21) .520		(8.13) .320						15 GOLD	(4.57) .180		TIN	(1.27) .050		
-0201/-0240		R.F.M.						(2.79) .110				(13.21) .520		(8.13) .320						30 GOLD	(4.57) .180		TIN	(1.27) .050		
-0241/-0280		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	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS			
	N.A.	AX-70280-0001	N.A.	AX-70280-0041	N.A.	AX-70280-0081	N.A.	AX-70280-0121	N.A.	AX-70280-0161	N.A.	AX-70280-0201	N.A.	AX-70280-0241												
4	010-89-7041	A-70280-0002	010-89-7042	A-70280-0042	010-89-7040	A-70280-0082	010-97-7045	A-70280-0122	010-97-7046	A-70280-0162	010-89-7043	A-70280-0202	010-87-9045	A-70280-0242	4											
6	010-89-7061	A-70280-0003	010-89-7062	A-70280-0043	010-89-7060	A-70280-0083	010-97-7065	A-70280-0123	010-97-7066	A-70280-0163	010-89-7063	A-70280-0203	010-87-9065	A-70280-0243	6											
8	010-89-7081	A-70280-0004	010-89-7082	A-70280-0044	010-89-7080	A-70280-0084	010-97-7085	A-70280-0124	010-97-7086	A-70280-0164	010-89-7083	A-70280-0204	010-87-9085	A-70280-0244	8											
10	010-89-7101	A-70280-0005	010-89-7102	A-70280-0045	010-89-7100	A-70280-0085	010-97-7105	A-70280-0125	010-97-7106	A-70280-0165	010-89-7103	A-70280-0205	010-87-9105	A-70280-0245	10											
12	010-89-7121	A-70280-0006	010-89-7122	A-70280-0046	010-89-7120	A-70280-0086	010-97-7125	A-70280-0126	010-97-7126	A-70280-0166	010-89-7123	A-70280-0206	010-87-9125	A-70280-0246	12											
14	010-89-7141	A-70280-0007	010-89-7142	A-70280-0047	010-89-7140	A-70280-0087	010-97-7145	A-70280-0127	010-97-7146	A-70280-0167	010-89-7143	A-70280-0207	010-87-9145	A-70280-0247	14											
16	010-89-7161	A-70280-0008	010-89-7162	A-70280-0048	010-89-7160	A-70280-0088	010-97-7165	A-70280-0128	010-97-7166	A-70280-0168	010-89-7163	A-70280-0208	010-87-9165	A-70280-0248	16											
18	010-89-7181	A-70280-0009	010-89-7182	A-70280-0049	010-89-7180	A-70280-0089	010-97-7185	A-70280-0129	010-97-7186	A-70280-0169	010-89-7183	A-70280-0209	010-87-9185	A-70280-0249	18											
20	010-89-7201	A-70280-0010	010-89-7202	A-70280-0050	010-89-7200	A-70280-0090	010-97-7205	A-70280-0130	010-97-7206	A-70280-0170	010-89-7203	A-70280-0210	010-87-9205	A-70280-0250	20											
22	010-89-7221	A-70280-0011	010-89-7222	A-70280-0051	010-89-7220	A-70280-0091	010-97-7225	A-70280-0131	010-97-7226	A-70280-0171	010-89-7223	A-70280-0211	010-87-9225	A-70280-0251	22											
24	010-89-7241	A-70280-0012	010-89-7242	A-70280-0052	010-89-7240	A-70280-0092	010-97-7245	A-70280-0132	010-97-7246	A-70280-0172	010-89-7243	A-70280-0212	010-87-9245	A-70280-0252	24											
26	010-89-7261	A-70280-0013	010-89-7262	A-70280-0053	010-89-7260	A-70280-0093	010-97-7265	A-70280-0133	010-97-7266	A-70280-0173	010-89-7263	A-70280-0213	010-87-9265	A-70280-0253	26											
28	010-89-7281	A-70280-0014	010-89-7282	A-70280-0054	010-89-7280	A-70280-0094	010-97-7285	A-70280-0134	010-97-7286	A-70280-0174	010-89-7283	A-70280-0214	010-87-9285	A-70280-0254	28											
30	010-89-7301	A-70280-0015	010-89-7302	A-70280-0055	010-89-7300	A-70280-0095	010-97-7305	A-70280-0135	010-97-7306	A-70280-0175	010-89-7303	A-70280-0215	010-87-9305	A-70280-0255	30											
32	010-89-7321	A-70280-0016	010-89-7322	A-70280-0056	010-89-7320	A-70280-0096	010-97-7325	A-70280-0136	010-97-7326	A-70280-0176	010-89-7323	A-70280-0216	010-87-9325	A-70280-0256	32											
34	010-89-7341	A-70280-0017	010-89-7342	A-70280-0057	010-89-7340	A-70280-0097	010-97-7345	A-70280-0137	010-97-7346	A-70280-0177	010-89-7343	A-70280-0217	010-87-9345	A-70280-0257	34											
36	010-89-7361	A-70280-0018	010-89-7362	A-70280-0058	010-89-7360	A-70280-0098	010-97-7365	A-70280-0138	010-97-7366	A-70280-0178	010-89-7363	A-70280-0218	010-87-9365	A-70280-0258	36											
38	010-89-7381	A-70280-0019	010-89-7382	A-70280-0059	010-89-7380	A-70280-0099	010-97-7385	A-70280-0139	010-97-7386	A-70280-0179	010-89-7383	A-70280-0219	010-87-9385	A-70280-0259	38											
40	010-89-7401	A-70280-0020	010-89-7402	A-70280-0060	010-89-7400	A-70280-0100	010-97-7405	A-70280-0140	010-97-7406	A-70280-0180	010-89-7403	A-70280-0220	010-87-9405	A-70280-0260	40											
42	010-89-7421	A-70280-0021	010-89-7422	A-70280-0061	010-89-7420	A-70280-0101	010-97-7425	A-70280-0141	010-97-7426	A-70280-0181	010-89-7423	A-70280-0221	010-87-9425	A-70280-0261	42											
44	010-89-7441	A-70280-0022	010-89-7442	A-70280-0062	010-89-7440	A-70280-0102	010-97-7445	A-70280-0142	010-97-7446	A-70280-0182	010-89-7443	A-70280-0222	010-87-9445	A-70280-0262	44											
46	010-89-7461	A-70280-0023	010-89-7462	A-70280-0063	010-89-7460	A-70280-0103	010-97-7465	A-70280-0143	010-97-7466	A-70280-0183	010-89-7463	A-70280-0223	010-87-9465	A-70280-0263	46											
48	010-89-7481	A-70280-0024	010-89-7482	A-70280-0064	010-89-7480	A-70280-0104	010-97-7485	A-70280-0144	010-97-7486	A-70280-0184	010-89-7483	A-70280-0224	010-87-9485	A-70280-0264												

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)																								
																		TYPE		D MEAS.						TYPE		F MEAS.																		
-0281/-0320		R.F.M.						(2.92) .115		(12.83) .505		(7.62) .300						TIN		(4.57) .180		(1.27) .050		PK-70873-0090																						
-0361/-0399		R.F.M.						(3.68) .145		(17.02) .670		(11.05) .435						TIN		(6.46) .254		(1.23) .048		PK-70873-0276																						
-0549/-0588		R.F.M.						(2.72) .107		(11.10) .437		(6.10) .240						TIN		(2.54) .100		(1.27) .050		PK-70873-0090																						
-0589/-0628		R.F.M.						(4.45) .175		(12.83) .505		(6.10) .240						TIN		(2.54) .100		(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	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 SCALE MM/IN 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>± 0.005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± 0.01</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>± 0.5 °</td><td></td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING C-SIZE SERIES 70280 CURRENT REV DESC: EC NO: 742602 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA 2023/02/28 2023/03/16 2023/03/20 INITIAL REVISION: DRWN: SMR APPR: SMR 04/19/1993 04/19/1993 DOCUMENT NUMBER SDA-70280-0001-4000 DOC TYPE PSD DOC PART 001 REVISION H1 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 9											MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.005	2 PLACES	± 0.13	± 0.01	1 PLACE	± 0.25	±	0 PLACES	±	±	ANGULAR TOL	± 0.5 °	
	MM	INCH																																												
4 PLACES	±	±																																												
3 PLACES	±	± 0.005																																												
2 PLACES	± 0.13	± 0.01																																												
1 PLACE	± 0.25	±																																												
0 PLACES	±	±																																												
ANGULAR TOL	± 0.5 °																																													
DOCUMENT STATUS	P1	RELEASE DATE	2023/03/20	10:44:28																																										
12		11		10		9		8		7		6		5		4		3		2		1																								

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)							
										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

MM/IN

SCALE

1:1

CURRENT REV DESC:

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

± 0.005

2 PLACES

±

0.13

± 0.01

1 PLACE

±

0.25

±

0 PLACES

±

±

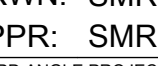
ANGULAR TOL

±

0.5 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

70280

EC NO: 742602

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: SMR

APPR: SMR

2023/02/28

2023/03/16

2023/03/20

04/19/1993

04/19/1993

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-70280-0001-4000

DOC TYPE

PSD

DOC PART

001

REVISION

H1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 9

DOCUMENT STATUS

P1

RELEASE DATE

2023/03/20

10:44:28

12

11

10

9

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2

1

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REVISION: D
DATE: 2018/01/18

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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)							
										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	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

MM/IN

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

THIRD ANGLE PROJECTION

CURRENT REV DESC:

EC NO: 742602

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2023/02/28

2023/03/16

2023/03/20

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-70280-0001-4000

DOC TYPE

PSD

DOC PART

001

REVISION

H1

INITIAL REVISION:

DRWN: SMR

APPR: SMR

04/19/1993

04/19/1993

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

7 OF 9

12

11

10

9

8

7

6

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4

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2

1

DOCUMENT STATUS

P1

RELEASE DATE

2023/03/20

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REVISION: D

DATE: 2018/01/18

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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)					
												TYPE	D MEAS.		TYPE	F MEAS.							
-1247 / -1285		R.F.M				(3.68) .145		(17.02) .670	(11.05) .435			TIN	(6.46) 2.54		TIN	(1.23) .048		PK-70873-0276					
1286		R.F.M.				(3.56) .140		(15.24) .600	(9.40) .370			TIN	(5.33) .210		TIN	(2.54) .100							

G																
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CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG 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	A-70280-1254						18
20								20
22								22
24								24
26			70280-1286	A-70280-1286				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

H1

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:						molex				
MM/IN		1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
	MM	INCH		EC NO: 742602 DRWN: SUAIFR 2023/02/28 CHK'D: SUAIFR 2023/03/16 APPR: MRAMAKRISHNA 2023/03/20						SALES ASSY-HIGH TEMP. DUAL ROW WAFER W/BREAK- OFF OPT. .025 SQ PINS				
4 PLACES	±	±												
3 PLACES	±	± 0.005												
2 PLACES	±	0.13	± 0.01											
1 PLACE	±	0.25	±											
0 PLACES	±	±		INITIAL REVISION: DRWN: SMR 04/19/1993 APPR: SMR 04/19/1993						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °										SDA-70280-0001-4000		PSD	001	H1
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	2023/03/20 10:44:28											

13 12 11 10 9 8 7 6 5 4 3 2 1

CKT. SIZE	DIM. A		REF.		DIM. B		REF.	
	(MM)	(INCH)	(MM)	(INCH)	(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	(101.60)	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				

VIEW "AB"

USE FOR LOCATING VOIDED CKTS.
(TOP VIEW SHOWN)
(SEE NOTE 6)

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.
15G/100T = (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.

* 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.

3. PRODUCT SPECIFICATION: PS-70280
4. PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES)
BULK PACK PER PK-70873-0353.
5. MEASURE POINT FOR PLATING THICKNESS.
6. VOIDED PIN LOCATIONS ARE IDENTIFIED NUMERICALLY FROM RIGHT TO LEFT AND ALPHABETICALLY FROM TOP TO BOTTOM USING VIEW "AB", SEE CHART FOR LOCATION.
7. PIN PUSHOUT FORCE: 3 POUNDS MINIMUM IN EITHER DIRECTION.
8. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SH

		13	12	11	10	9	8	7	6	5	4	3	2	1					
J	OBSOLETE	ENGINEERING NUMBER	EDP NUMBER		CKT. SIZE	VOIDED PIN LOCATION (SEE NOTE 6)		E REF.		J REF.	C * 0.10 (0.25)	PLATING TYPE SEE SHEET I	CONNECTOR END PLATING			P.C. BOARD END PLATING			FOR PACKAGING INFORMATION, SEE NOTE #4 ON SHEET I (UNLESS OTHERWISE SPECIFIED BELOW)
				ROW		LOCATION				TYPE	D MEAS.			TYPE	F MEAS.				
		A-70280-5001	10-98-0004		26	B	1	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5002	10-98-0014		16	A	2	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
I		A-70280-5003	70280-5003		38	B	13	.125 (3.18)		.455 (11.56)	.240 (6.10)	15G/100T	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5004	70280-5004		08	B	2	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
H		A-70280-5005	70280-5005		06	A	2	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5006	70280-500		20	B	3	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5006	70280-500		20	A	7	.107 (2.72)		.437 (11.10)	.240 (6.10)	TIN	TIN	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5006	70280-500		20	B	5	.107 (2.72)		.437 (11.10)	.240 (6.10)	TIN	TIN	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5007	70280-5007		10	A	1	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5008	70280-5008		16	A	7	.107 (2.72)		.437 (11.10)	.240 (6.10)	TIN	TIN	.100 (2.54)		TIN	.050 (1.27)		
G		A-70280-5009	70280-5009		50	A	13	.107 (2.72)		.437 (11.10)	.240 (6.10)	TIN	TIN	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5010	70280-5010		26	B	1	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
	X	A-70280-5011	70280-5011		26	A	5,15,21	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5011	70280-5011		26	B	6,10,22	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5012	70280-5012		04	B	1,2	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
F		A-70280-5013	70280-5013		40	A	11	.107 (2.72)		.437 (11.10)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5014	70280-5014		10	A	5	.135 (3.43)		.465 (11.81)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
E		A-70280-5015	70280-5015		10	A	5	.135 (3.43)		.465 (11.81)	.240 (6.10)	30 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5016	70280-5016		10	A	5	.110 (2.79)		.440 (11.18)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5017	70280-5017		10	B	4	.110 (2.79)		.440 (11.18)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
		A-70280-5018	70280-5018		16	A	3	.110 (2.79)		.440 (11.18)	.240 (6.10)	15 GOLD	GOLD	.100 (2.54)		TIN	.050 (1.27)		
D																			
C																			
B																			
A																			
UPDATE DIMENSIONS EC NO: UCP2007-3272 DRWN:ADRR CHKD:JBELL APPR:FSM/TH 2007/06/27 2007/06/27 2007/06/28 DESCRIPTION REV QUALITY SYMBOLS =0 =0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY DATE RB 93/01/08 CHECKED BY DATE APPROVED BY DATE DJB 93/01/08 MATERIAL NO. DOCUMENT NO. SHEET NO. 2 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION WAFAER ASSEM.-HIGH TEMP. DUAL ROW W/BREAK-OFF OPTION W/VOIDS MOLEX INCORPORATED SDA-70280-5001-9999																			
		12	11	10	9	8	7	6	5	4	3	2	1						