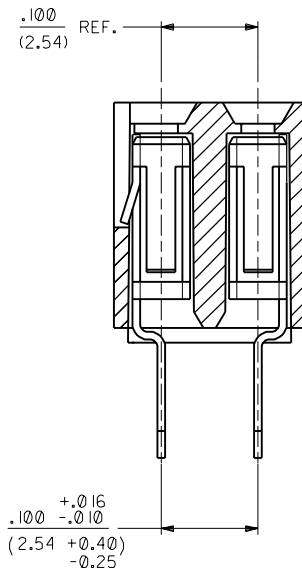
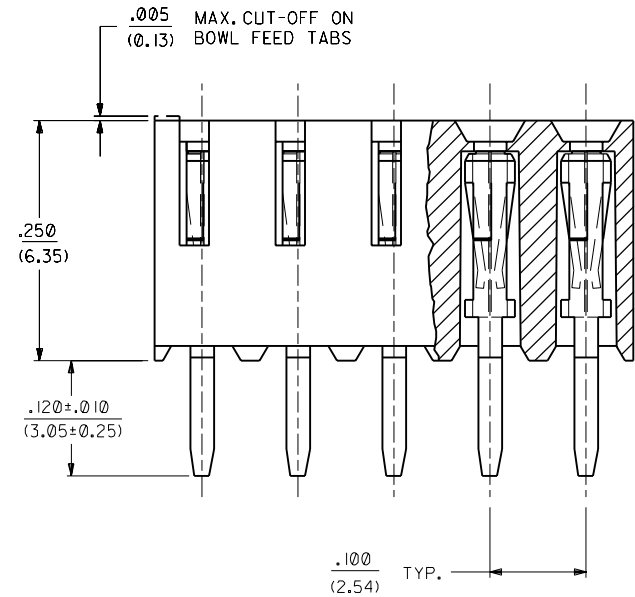
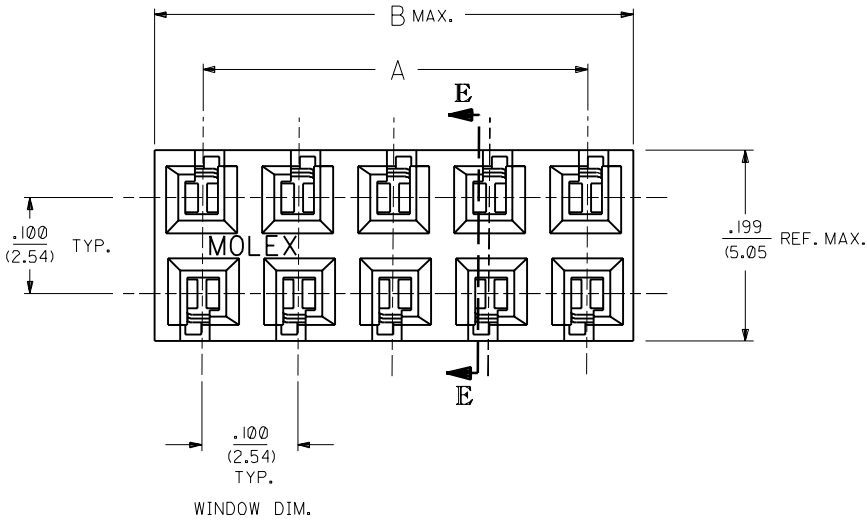
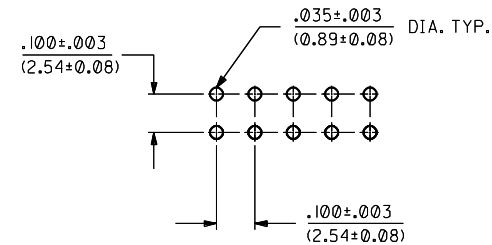




- NOTES:
- 1 - HOUSING MATERIAL: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLACK
 - 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE
 - 3 - SEE ADDITIONAL SHEETS FOR CHARTS, PLATINGS, AND OVERALL DIMENSIONS
 - 4 - THIS PRODUCT CONFORMS TO PS-70181.



RECOMMENDED P.C. BOARD
HOLE LAYOUT
SCALE = 4:1

SECTION E-E

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°	
INCH		METRIC	
5 PLACE	± .010	---	
2 PLACE	± .014	± 0.25	
1 PLACE	---	± 0.35	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY	PM	CHK'D. BY	PM
APP'D. BY	PM	SCALE	10:1
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
70182X1 DGN			
PART NO.		DRWG. NO.	
MOLEX INCORPORATED		SDA-70182-....	
115LEJLL 60532		SHEET NO. 1 OF 2	
U.S.A.		DATE 09/08/93	
MFG. SH.		REV. LTR.	
2 B		1 B	
A		B	
CHANGE PACK SPEC. ECN# UDT2000-0503		REVISE PLATE & BOX REL. DWG. U30572	
DMORGAN 99/12/14		09/08/93 MURPHY	
REVISIONS			
TITLE		CONNECTOR, VERT. MOUNT DUAL ROW TOP ENTRY .100 X .100 PC TAIL GRID	

	I3	I2	I1	I0	9	8	7	6		70182	4	3	2	I																																																																																																																																																																																																																																															
J	CKT SIZE		PLATING: I64 PACKAGING: PK-70873-0661		PLATING: 571 PACKAGING: PK-70873-0661		PLATING: 574 PACKAGING: PK-70873-0661		PLATING: PACKAGING:		DIM."A"		DIM."B"		J																																																																																																																																																																																																																																														
	PER ROW	TOTAL	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.	EDP NO.	ENG NO.																																																																																																																																																																																																																																																			
	02	04	I5-45-0902	A-70182-0065	I5-44-3602	A-70182-0129	I5-44-4102	A-70182-0193			.100	2,54	.199	5,05																																																																																																																																																																																																																																															
	03	06	I5-45-0903	A-70182-0066	I5-44-3603	A-70182-0130	I5-44-4103	A-70182-0194			.200	5,08	.299	7,59																																																																																																																																																																																																																																															
I	04	08	I5-45-0904	A-70182-0067	I5-44-3604	A-70182-0131	I5-44-4104	A-70182-0195			.300	7,62	.399	10,13	I																																																																																																																																																																																																																																														
	05	10	I5-45-0905	A-70182-0068	I5-44-3605	A-70182-0132	I5-44-4105	A-70182-0196			.400	10,16	.499	12,67																																																																																																																																																																																																																																															
	06	12	I5-45-0906	A-70182-0069	I5-44-3606	A-70182-0133	I5-44-4106	A-70182-0197			.500	12,70	.599	15,21																																																																																																																																																																																																																																															
	07	14	I5-45-0907	A-70182-0070	I5-44-3607	A-70182-0134	I5-44-4107	A-70182-0198			.600	15,24	.699	17,75																																																																																																																																																																																																																																															
	08	16	I5-45-0908	A-70182-0071	I5-44-3608	A-70182-0135	I5-44-4108	A-70182-0199			.700	17,78	.799	20,29																																																																																																																																																																																																																																															
	09	18	I5-45-0909	A-70182-0072	I5-44-3609	A-70182-0136	I5-44-4109	A-70182-0200			.800	20,32	.899	22,83																																																																																																																																																																																																																																															
	10	20	I5-45-0910	A-70182-0073	I5-44-3610	A-70182-0137	I5-44-4110	A-70182-0201			.900	22,86	.999	25,37																																																																																																																																																																																																																																															
H	11	22	I5-45-0911	A-70182-0074	I5-44-3611	A-70182-0138	I5-44-4111	A-70182-0202			1.000	25,40	1.099	27,91	H																																																																																																																																																																																																																																														
	12	24	I5-45-0912	A-70182-0075	I5-44-3612	A-70182-0139	I5-44-4112	A-70182-0203			1.100	27,94	1.199	30,45																																																																																																																																																																																																																																															
	13	26	I5-45-0913	A-70182-0076	I5-44-3613	A-70182-0140	I5-44-4113	A-70182-0204			1.200	30,48	1.299	32,99																																																																																																																																																																																																																																															
	14	28	I5-45-0914	A-70182-0077	I5-44-3614	A-70182-0141	I5-44-4114	A-70182-0205			1.300	33,02	1.399	35,53																																																																																																																																																																																																																																															
	15	30	I5-45-0915	A-70182-0078	I5-44-3615	A-70182-0142	I5-44-4115	A-70182-0206			1.400	35,56	1.499	38,07																																																																																																																																																																																																																																															
	16	32	I5-45-0916	A-70182-0079	I5-44-3616	A-70182-0143	I5-44-4116	A-70182-0207			1.500	38,10	1.599	40,61																																																																																																																																																																																																																																															
G	17	34	I5-45-0917	A-70182-0080	I5-44-3617	A-70182-0144	I5-44-4117	A-70182-0208			1.600	40,64	1.699	43,15	G																																																																																																																																																																																																																																														
	18	36	I5-45-0918	A-70182-0081	I5-44-3618	A-70182-0145	I5-44-4118	A-70182-0209			1.700	43,18	1.799	45,69																																																																																																																																																																																																																																															
	19	38	I5-45-0919	A-70182-0082	I5-44-3619	A-70182-0146	I5-44-4119	A-70182-0210			1.800	45,72	1.899	48,23																																																																																																																																																																																																																																															
	20	40	I5-45-0920	A-70182-0083	I5-44-3620	A-70182-0147	I5-44-4120	A-70182-0211			1.900	48,26	1.999	50,77																																																																																																																																																																																																																																															
	21	42	I5-45-0921	A-70182-0084	I5-44-3621	A-70182-0148	I5-44-4121	A-70182-0212			2.000	50,80	2.099	53,31																																																																																																																																																																																																																																															
	22	44	I5-45-0922	A-70182-0085	I5-44-3622	A-70182-0149	I5-44-4122	A-70182-0213			2.100	53,34	2.199	55,85																																																																																																																																																																																																																																															
F	23	46	I5-45-0923	A-70182-0086	I5-44-3623	A-70182-0150	I5-44-4123	A-70182-0214			2.200	55,88	2.299	58,39	F																																																																																																																																																																																																																																														
	24	48	I5-45-0924	A-70182-0087	I5-44-3624	A-70182-0151	I5-44-4124	A-70182-0215			2.300	58,42	2.399	60,93																																																																																																																																																																																																																																															
	25	50	I5-45-0925	A-70182-0088	I5-44-3625	A-70182-0152	I5-44-4125	A-70182-0216			2.400	60,96	2.499	63,47																																																																																																																																																																																																																																															
	26	52	I5-45-0926	A-70182-0089	I5-44-3626	A-70182-0153	I5-44-4126	A-70182-0217			2.500	63,50	2.599	66,01																																																																																																																																																																																																																																															
	27	54	I5-45-0927	A-70182-0090	I5-44-3627	A-70182-0154	I5-44-4127	A-70182-0218			2.600	66,04	2.699	68,55																																																																																																																																																																																																																																															
	28	56	I5-45-0928	A-70182-0091	I5-44-3628	A-70182-0155	I5-44-4128	A-70182-0219			2.700	68,58	2.799	71,09																																																																																																																																																																																																																																															
	29	58	I5-45-0929	A-70182-0092	I5-44-3629	A-70182-0156	I5-44-4129	A-70182-0220			2.800	71,12	2.899	73,63																																																																																																																																																																																																																																															
E	30	60	I5-45-0930	A-70182-0093	I5-44-3630	A-70182-0157	I5-44-4130	A-70182-0221			2.900	73,66	2.999	76,17	E																																																																																																																																																																																																																																														
	31	62	I5-45-0931	A-70182-0094	I5-44-3631	A-70182-0158	I5-44-4131	A-70182-0222			3.000	76,20	3.099	78,71																																																																																																																																																																																																																																															
	32	64	I5-45-0932	A-70182-0095	I5-44-3632	A-70182-0159	I5-44-4132	A-70182-0223			3.100	78,74	3.199	81,25																																																																																																																																																																																																																																															
	33	66	I5-45-0933	A-70182-0096	I5-44-3633	A-70182-0160	I5-44-4133	A-70182-0224			3.200	81,28	3.299	83,79																																																																																																																																																																																																																																															
	34	68	I5-45-0934	A-70182-0097	I5-44-3634	A-70182-0161	I5-44-4134	A-70182-0225			3.300	83,82	3.399	86,33																																																																																																																																																																																																																																															
	35	70	I5-45-0935	A-70182-0098	I5-44-3635	A-70182-0162	I5-44-4135	A-70182-0226			3.400	86,36	3.499	88,87																																																																																																																																																																																																																																															
D	36	72	I5-45-0936	A-70182-0099	I5-44-3636	A-70182-0163	I5-44-4136	A-70182-0227			3.500	88,90	3.599	91,41	D																																																																																																																																																																																																																																														
	37	74	I5-45-0937	A-70182-0100	I5-44-3637	A-70182-0164	I5-44-4137	A-70182-0228			3.600	91,44	3.699	93,95																																																																																																																																																																																																																																															
	38	76	I5-45-0938	A-70182-0101	I5-44-3638	A-70182-0165	I5-44-4138	A-70182-0229			3.700	93,98	3.799	96,49																																																																																																																																																																																																																																															
	39	78	I5-45-0939	A-70182-0102	I5-44-3639	A-70182-0166	I5-44-4139	A-70182-0230			3.800	96,52	3.899	99,03																																																																																																																																																																																																																																															
	40	80	I5-45-0940	A-70182-0103	I5-44-3640	A-70182-0167	I5-44-4140	A-70182-0231			3.900	99,06	3.999	101,57																																																																																																																																																																																																																																															
C	PLATING CODES														C																																																																																																																																																																																																																																														
	(I64)	TIN-LEAD (Sn-Pb) ALLOY OVER ENTIRE PIN; THICKNESS=(3.75 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.																																																																																																																																																																																																																																																											
	(571)	SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.37 MICROMETER)/15 MICROINCH MINIMUM; SELECTIVE TIN-LEAD (Sn-Pb) ALLOY IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.																																																																																																																																																																																																																																																											
B	(574)	SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.75 MICROMETER)/30 MICROINCH MINIMUM; SELECTIVE TIN-LEAD (Sn-Pb) ALLOY IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.													B																																																																																																																																																																																																																																														
A	<table><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">DIMENSIONS SHOWN (METRIC) INCH</td><td colspan="2">▽ = 0 ▼ = 0</td><td>REVISE ONLY ON CAD SYSTEM</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°</td><td colspan="3">TITLE</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">INCH</td><td colspan="3">CONNECTOR, VERT. MOUNT, DUAL ROW</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">METRIC</td><td colspan="3">(TOP ENTRY) .100 × .100</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">3 PLACE ± ---</td><td colspan="3">P.C. TAIL GRID</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">2 PLACE ± ---</td><td colspan="3"></td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">1 PLACE --- ± ---</td><td colspan="3" rowspan="2"></td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="5">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">B</td><td colspan="3">SEE SHEET I</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">A</td><td colspan="3">SEE SHEET I</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">LTR.</td><td colspan="3">REVISIONS</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">LTR.</td><td colspan="3">REVISIONS</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">DRAWN BY PM</td><td colspan="3">CHK'D BY PM</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="2">APP'D BY DJB</td><td colspan="3">SCALE --- : --</td></tr></table>																										DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM													UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°		TITLE															INCH		CONNECTOR, VERT. MOUNT, DUAL ROW															METRIC		(TOP ENTRY) .100 × .100															3 PLACE ± ---		P.C. TAIL GRID															2 PLACE ± ---																	1 PLACE --- ± ---																	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	B		SEE SHEET I															A		SEE SHEET I															LTR.		REVISIONS															LTR.		REVISIONS															DRAWN BY PM		CHK'D BY PM															APP'D BY DJB		SCALE --- : --			A
												DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM																																																																																																																																																																																																																																													
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