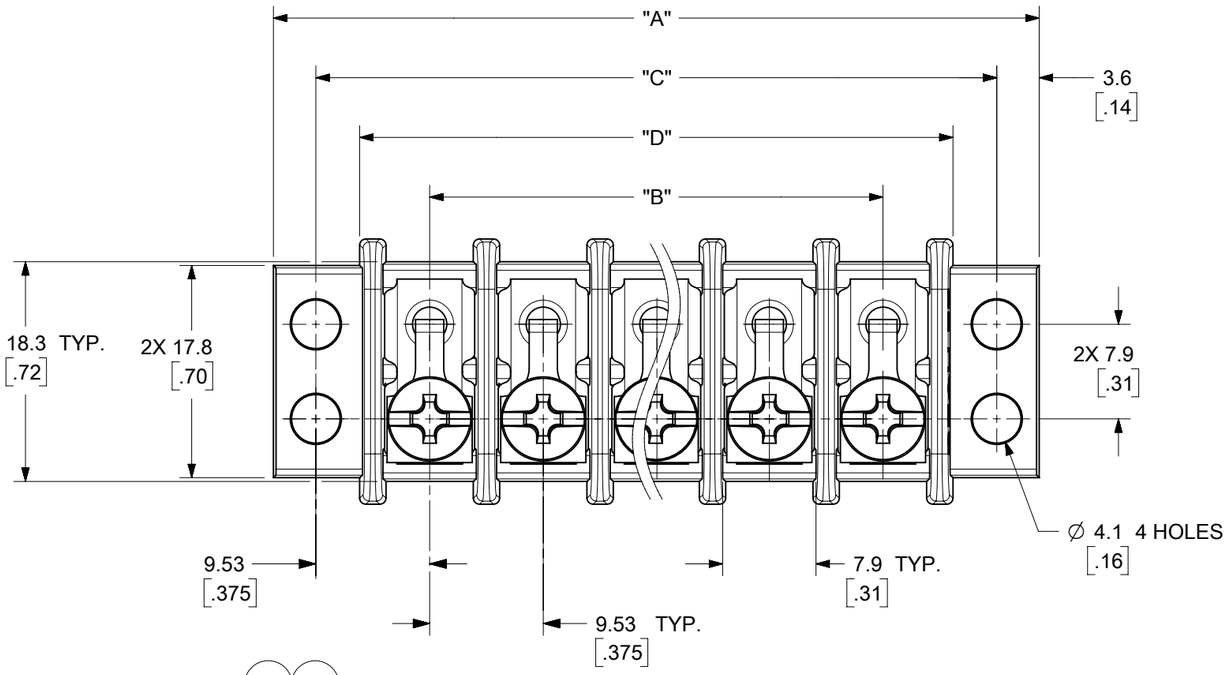
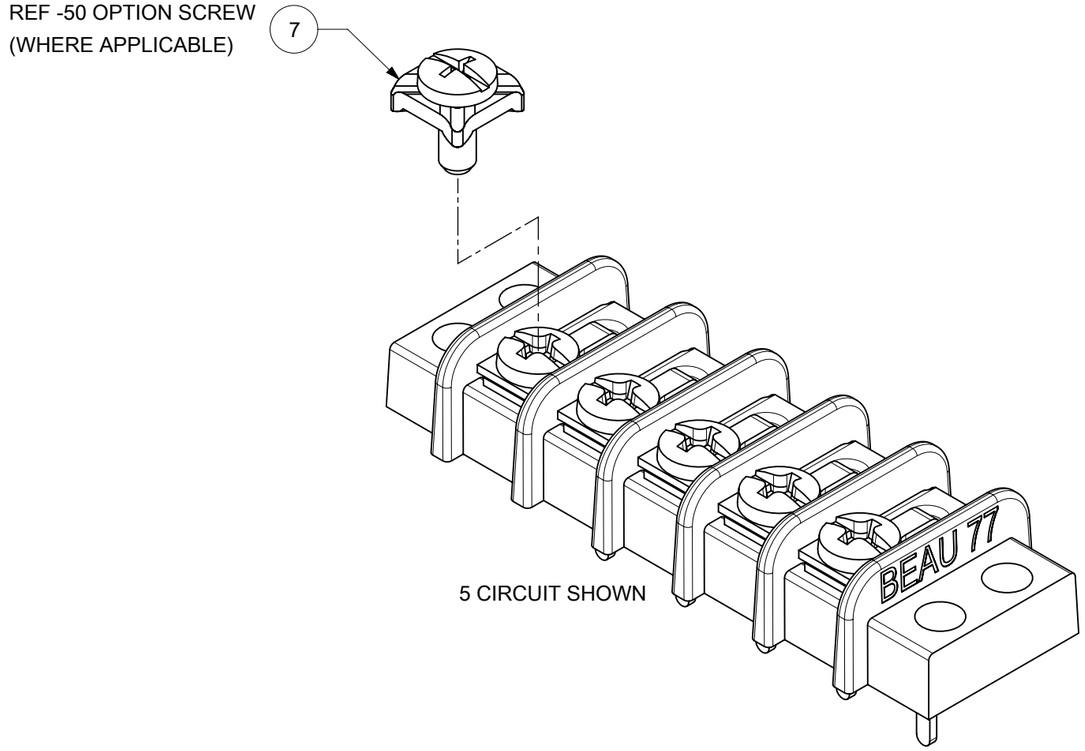
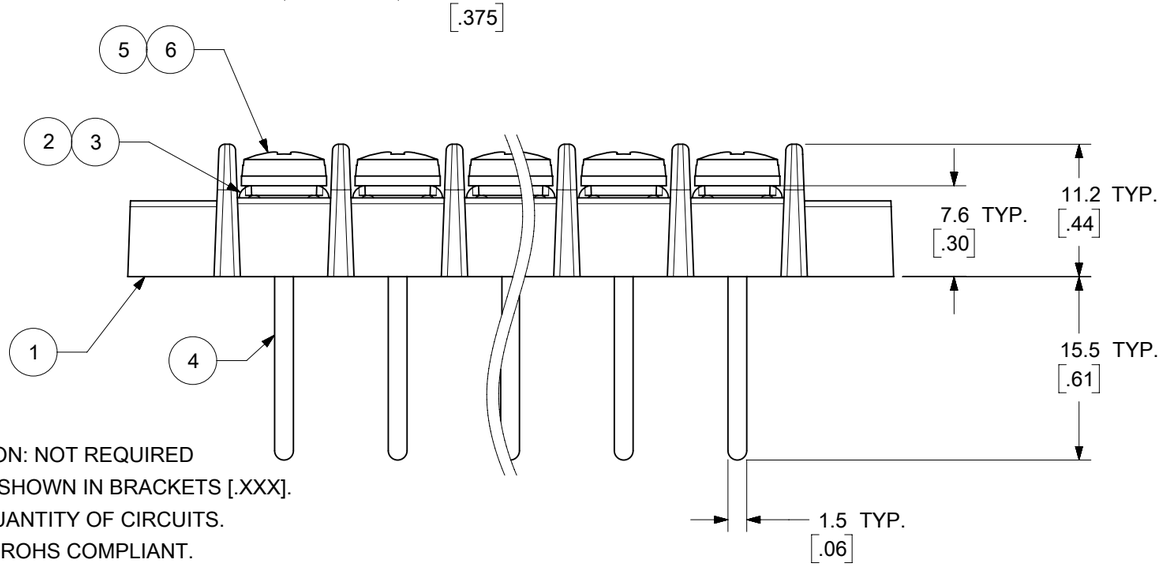
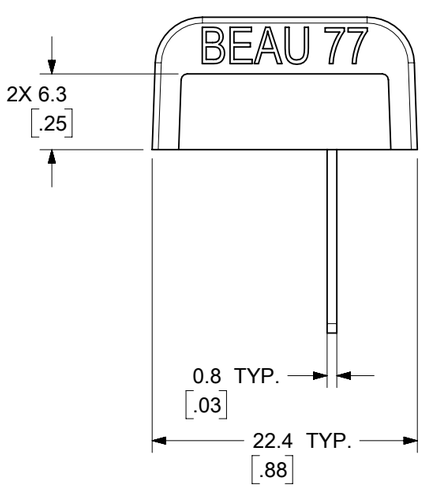




5 CIRCUIT SHOWN





NOTES:
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. INCH DIMENSIONS ARE SHOWN IN BRACKETS [.XXX].
5. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
6. ALL COMPONENTS ARE ROHS COMPLIANT.

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
7	XX	SCREW, #6-32X.250 PAN HD, PHIL-SLOT W/WSHR (-50 OPTION)	STEEL	ZN, CLEAR CHROMATE
6	XX	SCREW, #6-32X.250 BGHD, PHIL-SLOT (-49 OPTION)	BRASS	NICKEL PLATE
5	XX	SCREW, #6-32X.250, BGHD PHIL-SLOT (STANDARD)	STEEL	ZN, CLEAR CHROMATE
4	XX	TERMINAL, WIRE TAP Y	BRASS	TIN PLATE
3	XX	TERMINAL PLATE (-49 OPTION)	BRASS	TIN PLATE
2	XX	TERMINAL PLATE	BRASS	NICKEL PLATE
1	1	INSULATOR	THERMOPLASTIC	BLACK

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

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

DIMENSION UNITS: mm/INCH | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± SEE CHART
2 PLACES	± SEE CHART	± SEE CHART
1 PLACE	± SEE CHART	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMIVED OBSOLETED PART NUMBERS AS PER PCN#512132.

EC NO: 754285
DRWN: RAVINR1 2023/06/14
CHK'D: RAVINR1 2023/07/17
APPR: GGA 2023/07/18

INITIAL REVISION:
DRWN: AHIDALGO 2006/05/11
APPR: RDEROSS 2006/05/11

molex

9.53MM [.375] DOUBLE ROW
LOW PROFILE BTS ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38770-003	PSD	001	A2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	38770	SEE CHART	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/18 08:20:52

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

NO. OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (-49 OPTION)	ASSEMBLY MATERIAL NO. (-50 OPTION)
	mm	INCH	mm	INCH	mm	INCH	mm	INCH			
2	35.7	[1.41]	9.53	[.375]	28.6	[1.13]	21.3	[.84]	---	---	387703102
3	45.2	[1.78]	19.05	[.750]	38.1	[1.50]	30.8	[1.21]	387701903	---	387703103
4	54.7	[2.16]	28.58	[1.125]	47.6	[1.88]	40.3	[1.59]	---	---	387703104
5	64.3	[2.53]	38.10	[1.500]	57.2	[2.25]	49.8	[1.96]	---	387702005	387703105
6	73.8	[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	---	387702006	387703106
7	83.3	[3.28]	57.15	[2.250]	76.2	[3.00]	68.9	[2.71]	---	---	387703107
8	92.8	[3.66]	66.68	[2.625]	85.7	[3.38]	78.4	[3.09]	---	---	387703108
9	102.4	[4.03]	76.20	[3.000]	95.3	[3.75]	87.9	[3.46]	---	---	387703109
10	111.9	[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	---	387702010	387703110
11	121.4	[4.78]	95.25	[3.750]	114.3	[4.50]	107.0	[4.21]	---	387702011	387703111
12	130.9	[5.16]	104.78	[4.125]	123.8	[4.88]	116.5	[4.59]	---	387702012	387703112
13	140.5	[5.53]	114.30	[4.500]	133.4	[5.25]	126.0	[4.96]	---	387702013	387703113
14	150.0	[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]	---	387702014	387703114
15	159.5	[6.28]	133.35	[5.250]	152.4	[6.00]	145.1	[5.71]	---	387702015	387703115
16	169.0	[6.66]	142.88	[5.625]	161.9	[6.38]	154.6	[6.09]	---	387702016	387703116
17	178.6	[7.03]	152.40	[6.000]	171.5	[6.75]	164.1	[6.46]	387701917	387702017	387703117
18	188.1	[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]	---	387702018	387703118
19	197.6	[7.78]	171.45	[6.750]	190.5	[7.50]	183.2	[7.21]	387701919	387702019	387703119
20	207.1	[8.16]	180.98	[7.125]	200.0	[7.88]	192.7	[7.59]	---	---	387703120
21	216.7	[8.53]	190.50	[7.500]	209.6	[8.25]	202.2	[7.96]	387701921	387702021	387703121
22	226.2	[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]	---	387702022	---
23	235.7	[9.28]	209.55	[8.250]	228.6	[9.00]	221.3	[8.71]	387701923	387702023	387703123
24	245.2	[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]	387701924	387702024	387703124
25	254.2	[10.03]	228.60	[9.000]	247.7	[9.75]	240.3	[9.46]	---	387702025	387703125
26	264.3	[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]	387701926	387702026	387703126
27	273.8	[10.78]	247.65	[9.750]	266.7	[10.50]	259.4	[10.21]	387701927	387702027	387703127
28	283.3	[11.16]	257.18	[10.125]	276.2	[10.88]	268.9	[10.59]	---	---	387703128
29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.4	[10.96]	387701929	387702029	387703129
30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387701930	387702030	387703130

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

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

DIMENSION UNITS: mm/INCH | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± SEE CHART
2 PLACES	± SEE CHART	± SEE CHART
1 PLACE	± SEE CHART	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMIVED OBSOLETED PART NUMBERS AS PER PCN#512132.

EC NO: 754285

DRWN:	RAVINR1	2023/06/14
CHK'D:	RAVINR1	2023/07/17
APPR:	GGA	2023/07/18

INITIAL REVISION:

DRWN:	AHIDALGO	2006/05/11
APPR:	RDEROSS	2006/05/11

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 38770

molex

9.53MM [.375] DOUBLE ROW LOW PROFILE BTS ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38770-003	PSD	001	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/18 08:20:52

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

NO. OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (-49 OPTION)	ASSEMBLY MATERIAL NO. (-50 OPTION)
2	35.7	[1.41]	9.53	[.375]	28.6	[1.13]	21.3	[.84]	387701902	387702002	387703102
3	45.2	[1.78]	19.05	[.750]	38.1	[1.50]	30.8	[1.21]	387701903	387702003	387703103
4	54.7	[2.16]	28.58	[1.125]	47.6	[1.88]	40.3	[1.59]	387701904	387702004	387703104
5	64.3	[2.53]	38.10	[1.500]	57.2	[2.25]	49.8	[1.96]	387701905	387702005	387703105
6	73.8	[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	387701906	387702006	387703106
7	83.3	[3.28]	57.15	[2.250]	76.2	[3.00]	68.9	[2.71]	387701907	387702007	387703107
8	92.8	[3.66]	66.68	[2.625]	85.7	[3.38]	78.4	[3.09]	387701908	387702008	387703108
9	102.4	[4.03]	76.20	[3.000]	95.3	[3.75]	87.9	[3.46]	387701909	387702009	387703109
10	111.9	[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	387701910	387702010	387703110
11	121.4	[4.78]	95.25	[3.750]	114.3	[4.50]	107.0	[4.21]	387701911	387702011	387703111
12	130.9	[5.16]	104.78	[4.125]	123.8	[4.88]	116.5	[4.59]	387701912	387702012	387703112
13	140.5	[5.53]	114.30	[4.500]	133.4	[5.25]	126.0	[4.96]	387701913	387702013	387703113
14	150.0	[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]	387701914	387702014	387703114
15	159.5	[6.28]	133.35	[5.250]	152.4	[6.00]	145.1	[5.71]	387701915	387702015	387703115
16	169.0	[6.66]	142.88	[5.625]	161.9	[6.38]	154.6	[6.09]	387701916	387702016	387703116
17	178.6	[7.03]	152.40	[6.000]	171.5	[6.75]	164.1	[6.46]	387701917	387702017	387703117
18	188.1	[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]	387701918	387702018	387703118
19	197.6	[7.78]	171.45	[6.750]	190.5	[7.50]	183.2	[7.21]	387701919	387702019	387703119
20	207.1	[8.16]	180.98	[7.125]	200.0	[7.88]	192.7	[7.59]	387701920	387702020	387703120
21	216.7	[8.53]	190.50	[7.500]	209.6	[8.25]	202.2	[7.96]	387701921	387702021	387703121
22	226.2	[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]	387701922	387702022	387703122
23	235.7	[9.28]	209.55	[8.250]	228.6	[9.00]	221.3	[8.71]	387701923	387702023	387703123
24	245.2	[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]	387701924	387702024	387703124
25	254,8	[10,03]	228,60	[9,000]	247.7	[9,75]	240,3	[9,46]	387701925	387702025	387703125
26	264.3	[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]	387701926	387702026	387703126
27	273.8	[10.78]	247.65	[9.750]	266.7	[10.50]	259.4	[10.21]	387701927	387702027	387703127
28	283.3	[11.16]	257.18	[10.125]	276.2	[10.88]	268.9	[10.59]	387701928	387702028	387703128
29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.4	[10.96]	387701929	387702029	387703129
30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387701930	387702030	387703130

INITIAL RELEASE
EC NO: ETC2006-0393 2006/05/11
DRWN:AHIDALGO 2006/05/11
CH'KD:JENCINAS 2006/05/11
APPR:RDEROSS 2006/05/11
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	±.0002
3 PLACES	± 0.000	±.005
2 PLACES	± 0.13	±.01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: AHIDALGO DATE: 2006/04/18
CHECKED BY: JENCINAS DATE: 2006/04/18
APPROVED BY: RDEROSS DATE: 2006/04/18

TITLE: 9.53MM [.375] DOUBLE ROW LOW PROFILE BTS ASSY

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-38770-003
SHEET NO.: 2 OF 2
SIZE: B

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