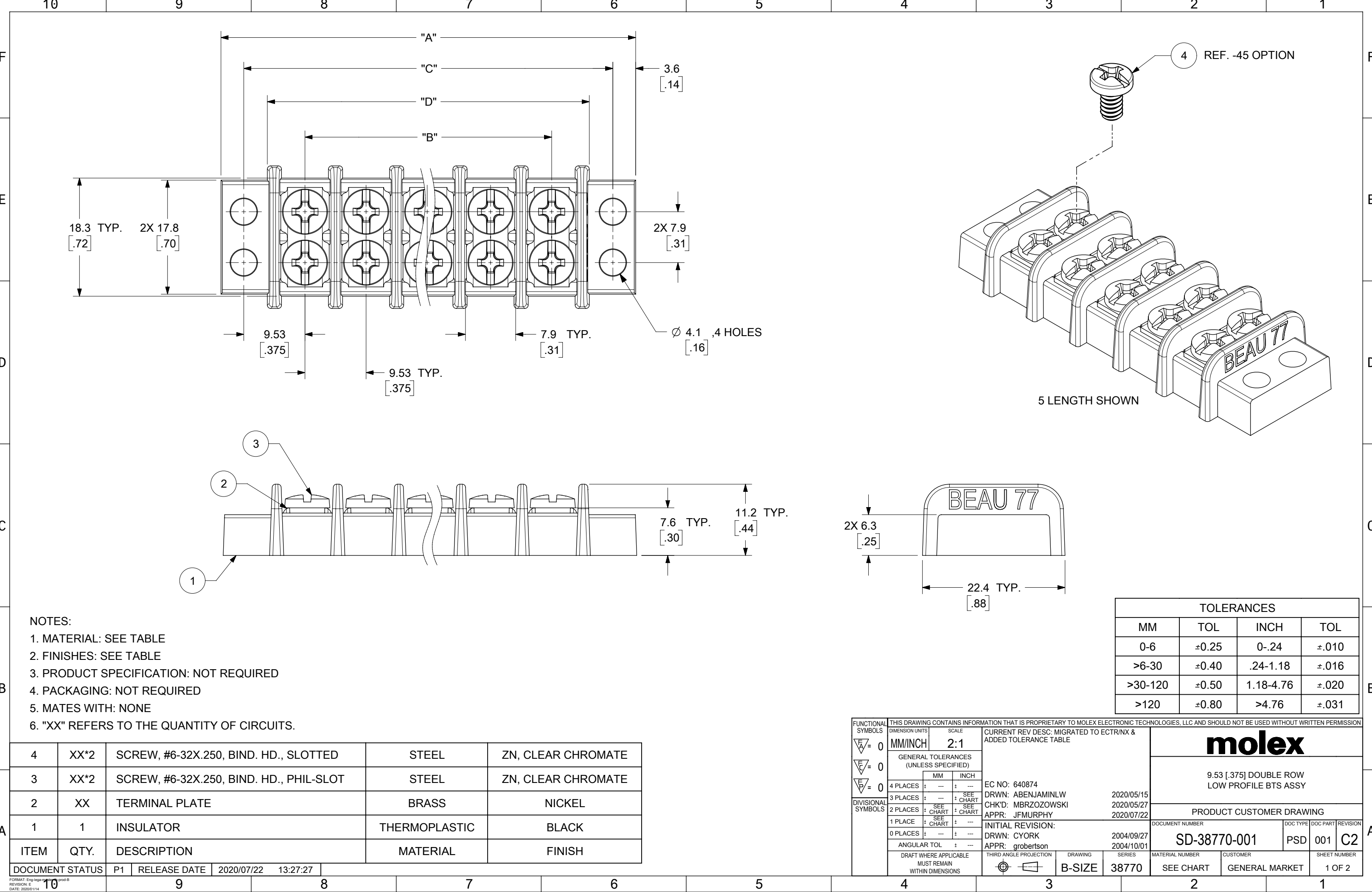




NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.

4	XX*2	SCREW, #6-32X.250, BIND. HD., SLOTTED	STEEL	ZN, CLEAR CHROMATE
3	XX*2	SCREW, #6-32X.250, BIND. HD., PHIL-SLOT	STEEL	ZN, CLEAR CHROMATE
2	XX	TERMINAL PLATE	BRASS	NICKEL
1	1	INSULATOR	THERMOPLASTIC	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/22	13:27:27
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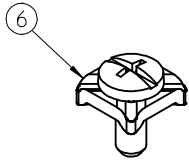
TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

molex			
9.53 [.375] DOUBLE ROW LOW PROFILE BTS ASSY			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38770-001	PSD	001	C2
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE CHART	GENERAL MARKET	1 OF 2	

FUNCTIONAL SYMBOLS E/A = 0 E/C = 0 E/D = 0 DIVISIONAL SYMBOLS	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 ECTR/NX & ADDED TOLERANCE TABLE			molex 9.53 [.375] DOUBLE ROW LOW PROFILE BTS ASSY								
	MM/INCH		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-38770-001 DOC TYPE PSD DOC PART 001 REVISION C2											
	MM		INCH													
	4 PLACES ± --- ± ---		EC NO: 640874													
	3 PLACES ± --- ± SEE CHART		DRWN: ABENJAMINLW 2020/05/15													
	2 PLACES ± SEE CHART ± SEE CHART		CHK'D: MBRZOWSKI 2020/05/27													
	1 PLACE ± SEE CHART ± ---		APPR: JFMURPHY 2020/07/22													
	INITIAL REVISION:				DOCUMENT NUMBER SD-38770-001 DOC TYPE PSD DOC PART 001 REVISION C2											
	0 PLACES ± --- ± ---		DRWN: CYORK 2004/09/27													
	ANGULAR TOL ± ---		APPR: grobertson 2004/10/01													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							B-SIZE		38770		SEE CHART		GENERAL MARKET		1 OF 2	

10		9		8		7		6		5		4		3		2		1																																																																																																																																																																																																																																																																																																																																																					
F		<table><tr><th rowspan="2">NO. OF CIRCUITS "XX"</th><th colspan="2">DIM. "A"</th><th colspan="2">DIM. "B"</th><th colspan="2">DIM. "C"</th><th colspan="2">DIM. "D"</th><th rowspan="2">ASSEMBLY MATERIAL NO. (STD.)</th><th rowspan="2">ASSEMBLY MATERIAL NO. (-45 OPTION)</th></tr><tr><th>mm</th><th>INCH</th><th>mm</th><th>INCH</th><th>mm</th><th>INCH</th><th>mm</th><th>INCH</th></tr><tr><td>2</td><td>35.7</td><td>[1.41]</td><td>9.53</td><td>[.375]</td><td>28.6</td><td>[1.13]</td><td>21.3</td><td>[.84]</td><td>387700102</td><td>387790314</td></tr><tr><td>3</td><td>45.2</td><td>[1.78]</td><td>19.05</td><td>[.750]</td><td>38.1</td><td>[1.50]</td><td>30.8</td><td>[1.21]</td><td>387700103</td><td>387790316</td></tr><tr><td>4</td><td>54.7</td><td>[2.16]</td><td>28.58</td><td>[1.125]</td><td>47.6</td><td>[1.88]</td><td>40.3</td><td>[1.59]</td><td>387700104</td><td>387790318</td></tr><tr><td>5</td><td>64.3</td><td>[2.53]</td><td>38.10</td><td>[1.500]</td><td>57.2</td><td>[2.25]</td><td>49.8</td><td>[1.96]</td><td>387700105</td><td>387790320</td></tr><tr><td>6</td><td>73.8</td><td>[2.91]</td><td>47.63</td><td>[1.875]</td><td>66.7</td><td>[2.63]</td><td>59.4</td><td>[2.34]</td><td>387700106</td><td>387790323</td></tr><tr><td>7</td><td>83.3</td><td>[3.28]</td><td>57.15</td><td>[2.250]</td><td>76.2</td><td>[3.00]</td><td>68.9</td><td>[2.71]</td><td>387700107</td><td></td></tr><tr><td>8</td><td>92.8</td><td>[3.66]</td><td>66.68</td><td>[2.625]</td><td>85.7</td><td>[3.38]</td><td>78.4</td><td>[3.09]</td><td>387700108</td><td>387790326</td></tr><tr><td>9</td><td>102.4</td><td>[4.03]</td><td>76.20</td><td>[3.000]</td><td>95.3</td><td>[3.75]</td><td>87.9</td><td>[3.46]</td><td>387700109</td><td>387790328</td></tr><tr><td>10</td><td>111.9</td><td>[4.41]</td><td>85.73</td><td>[3.375]</td><td>104.8</td><td>[4.13]</td><td>97.5</td><td>[3.84]</td><td>387700110</td><td></td></tr><tr><td>11</td><td>121.4</td><td>[4.78]</td><td>95.25</td><td>[3.750]</td><td>114.3</td><td>[4.50]</td><td>107.0</td><td>[4.21]</td><td>387700111</td><td>387790331</td></tr><tr><td>12</td><td>130.9</td><td>[5.16]</td><td>104.78</td><td>[4.125]</td><td>123.8</td><td>[4.88]</td><td>116.5</td><td>[4.59]</td><td>387700112</td><td></td></tr><tr><td>13</td><td>140.5</td><td>[5.53]</td><td>114.30</td><td>[4.500]</td><td>133.4</td><td>[5.25]</td><td>126.0</td><td>[4.96]</td><td>387700113</td><td></td></tr><tr><td>14</td><td>150.0</td><td>[5.91]</td><td>123.83</td><td>[4.875]</td><td>142.9</td><td>[5.63]</td><td>135.6</td><td>[5.34]</td><td>387700114</td><td></td></tr><tr><td>15</td><td>159.5</td><td>[6.28]</td><td>133.35</td><td>[5.250]</td><td>152.4</td><td>[6.00]</td><td>145.1</td><td>[5.71]</td><td>387700115</td><td></td></tr><tr><td>16</td><td>169.0</td><td>[6.66]</td><td>142.88</td><td>[5.625]</td><td>161.9</td><td>[6.38]</td><td>154.6</td><td>[6.09]</td><td>387700116</td><td></td></tr><tr><td>17</td><td>178.6</td><td>[7.03]</td><td>152.40</td><td>[6.000]</td><td>171.5</td><td>[6.75]</td><td>164.1</td><td>[6.46]</td><td>387700117</td><td></td></tr><tr><td>18</td><td>188.1</td><td>[7.41]</td><td>161.93</td><td>[6.375]</td><td>181.0</td><td>[7.13]</td><td>173.7</td><td>[6.84]</td><td>387700118</td><td></td></tr><tr><td>19</td><td>197.6</td><td>[7.78]</td><td>171.45</td><td>[6.750]</td><td>190.5</td><td>[7.50]</td><td>183.2</td><td>[7.21]</td><td>387700119</td><td></td></tr><tr><td>20</td><td>207.1</td><td>[8.16]</td><td>180.98</td><td>[7.125]</td><td>200.0</td><td>[7.88]</td><td>192.7</td><td>[7.59]</td><td>387700120</td><td></td></tr><tr><td>21</td><td>216.7</td><td>[8.53]</td><td>190.50</td><td>[7.500]</td><td>209.6</td><td>[8.25]</td><td>202.2</td><td>[7.96]</td><td>387700121</td><td></td></tr><tr><td>22</td><td>226.2</td><td>[8.91]</td><td>200.03</td><td>[7.875]</td><td>219.1</td><td>[8.63]</td><td>211.8</td><td>[8.34]</td><td>387700122</td><td></td></tr><tr><td>23</td><td>235.7</td><td>[9.28]</td><td>209.55</td><td>[8.250]</td><td>228.6</td><td>[9.00]</td><td>221.3</td><td>[8.71]</td><td>387700123</td><td></td></tr><tr><td>24</td><td>245.2</td><td>[9.66]</td><td>219.08</td><td>[8.625]</td><td>238.1</td><td>[9.38]</td><td>230.8</td><td>[9.09]</td><td>387700124</td><td>387790335</td></tr><tr><td>25</td><td>254.2</td><td>[10.03]</td><td>228.60</td><td>[9.000]</td><td>247.7</td><td>[9.75]</td><td>240.3</td><td>[9.46]</td><td>387700125</td><td></td></tr><tr><td>26</td><td>264.3</td><td>[10.41]</td><td>238.13</td><td>[9.375]</td><td>257.2</td><td>[10.13]</td><td>249.9</td><td>[9.84]</td><td>387700126</td><td></td></tr><tr><td>27</td><td>273.8</td><td>[10.78]</td><td>247.65</td><td>[9.750]</td><td>266.7</td><td>[10.50]</td><td>259.4</td><td>[10.21]</td><td>387700127</td><td></td></tr><tr><td>28</td><td>283.3</td><td>[11.16]</td><td>257.18</td><td>[10.125]</td><td>276.2</td><td>[10.88]</td><td>268.9</td><td>[10.59]</td><td>387700128</td><td></td></tr><tr><td>29</td><td>292.9</td><td>[11.53]</td><td>266.70</td><td>[10.500]</td><td>285.8</td><td>[11.25]</td><td>278.4</td><td>[10.96]</td><td>387700129</td><td></td></tr><tr><td>30</td><td>302.4</td><td>[11.91]</td><td>276.23</td><td>[10.875]</td><td>295.3</td><td>[11.63]</td><td>288.0</td><td>[11.34]</td><td>387700130</td><td></td></tr></table>																		NO. OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STD.)	ASSEMBLY MATERIAL NO. (-45 OPTION)	mm	INCH	mm	INCH	mm	INCH	mm	INCH	2	35.7	[1.41]	9.53	[.375]	28.6	[1.13]	21.3	[.84]	387700102	387790314	3	45.2	[1.78]	19.05	[.750]	38.1	[1.50]	30.8	[1.21]	387700103	387790316	4	54.7	[2.16]	28.58	[1.125]	47.6	[1.88]	40.3	[1.59]	387700104	387790318	5	64.3	[2.53]	38.10	[1.500]	57.2	[2.25]	49.8	[1.96]	387700105	387790320	6	73.8	[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	387700106	387790323	7	83.3	[3.28]	57.15	[2.250]	76.2	[3.00]	68.9	[2.71]	387700107		8	92.8	[3.66]	66.68	[2.625]	85.7	[3.38]	78.4	[3.09]	387700108	387790326	9	102.4	[4.03]	76.20	[3.000]	95.3	[3.75]	87.9	[3.46]	387700109	387790328	10	111.9	[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	387700110		11	121.4	[4.78]	95.25	[3.750]	114.3	[4.50]	107.0	[4.21]	387700111	387790331	12	130.9	[5.16]	104.78	[4.125]	123.8	[4.88]	116.5	[4.59]	387700112		13	140.5	[5.53]	114.30	[4.500]	133.4	[5.25]	126.0	[4.96]	387700113		14	150.0	[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]	387700114		15	159.5	[6.28]	133.35	[5.250]	152.4	[6.00]	145.1	[5.71]	387700115		16	169.0	[6.66]	142.88	[5.625]	161.9	[6.38]	154.6	[6.09]	387700116		17	178.6	[7.03]	152.40	[6.000]	171.5	[6.75]	164.1	[6.46]	387700117		18	188.1	[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]	387700118		19	197.6	[7.78]	171.45	[6.750]	190.5	[7.50]	183.2	[7.21]	387700119		20	207.1	[8.16]	180.98	[7.125]	200.0	[7.88]	192.7	[7.59]	387700120		21	216.7	[8.53]	190.50	[7.500]	209.6	[8.25]	202.2	[7.96]	387700121		22	226.2	[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]	387700122		23	235.7	[9.28]	209.55	[8.250]	228.6	[9.00]	221.3	[8.71]	387700123		24	245.2	[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]	387700124	387790335	25	254.2	[10.03]	228.60	[9.000]	247.7	[9.75]	240.3	[9.46]	387700125		26	264.3	[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]	387700126		27	273.8	[10.78]	247.65	[9.750]	266.7	[10.50]	259.4	[10.21]	387700127		28	283.3	[11.16]	257.18	[10.125]	276.2	[10.88]	268.9	[10.59]	387700128		29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.4	[10.96]	387700129		30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387700130		F	
NO. OF CIRCUITS "XX"	DIM. "A"																				DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STD.)	ASSEMBLY MATERIAL NO. (-45 OPTION)																																																																																																																																																																																																																																																																																																																																											
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3	45.2																			[1.78]	19.05	[.750]	38.1	[1.50]	30.8	[1.21]	387700103	387790316																																																																																																																																																																																																																																																																																																																																											
4	54.7																			[2.16]	28.58	[1.125]	47.6	[1.88]	40.3	[1.59]	387700104	387790318																																																																																																																																																																																																																																																																																																																																											
5	64.3																			[2.53]	38.10	[1.500]	57.2	[2.25]	49.8	[1.96]	387700105	387790320																																																																																																																																																																																																																																																																																																																																											
6	73.8																			[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	387700106	387790323																																																																																																																																																																																																																																																																																																																																											
7	83.3																			[3.28]	57.15	[2.250]	76.2	[3.00]	68.9	[2.71]	387700107																																																																																																																																																																																																																																																																																																																																												
8	92.8																			[3.66]	66.68	[2.625]	85.7	[3.38]	78.4	[3.09]	387700108	387790326																																																																																																																																																																																																																																																																																																																																											
9	102.4																			[4.03]	76.20	[3.000]	95.3	[3.75]	87.9	[3.46]	387700109	387790328																																																																																																																																																																																																																																																																																																																																											
10	111.9																			[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	387700110																																																																																																																																																																																																																																																																																																																																												
11	121.4																			[4.78]	95.25	[3.750]	114.3	[4.50]	107.0	[4.21]	387700111	387790331																																																																																																																																																																																																																																																																																																																																											
12	130.9																			[5.16]	104.78	[4.125]	123.8	[4.88]	116.5	[4.59]	387700112																																																																																																																																																																																																																																																																																																																																												
13	140.5																			[5.53]	114.30	[4.500]	133.4	[5.25]	126.0	[4.96]	387700113																																																																																																																																																																																																																																																																																																																																												
14	150.0																			[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]	387700114																																																																																																																																																																																																																																																																																																																																												
15	159.5																			[6.28]	133.35	[5.250]	152.4	[6.00]	145.1	[5.71]	387700115																																																																																																																																																																																																																																																																																																																																												
16	169.0																			[6.66]	142.88	[5.625]	161.9	[6.38]	154.6	[6.09]	387700116																																																																																																																																																																																																																																																																																																																																												
17	178.6																			[7.03]	152.40	[6.000]	171.5	[6.75]	164.1	[6.46]	387700117																																																																																																																																																																																																																																																																																																																																												
18	188.1																			[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]	387700118																																																																																																																																																																																																																																																																																																																																												
19	197.6																			[7.78]	171.45	[6.750]	190.5	[7.50]	183.2	[7.21]	387700119																																																																																																																																																																																																																																																																																																																																												
20	207.1																			[8.16]	180.98	[7.125]	200.0	[7.88]	192.7	[7.59]	387700120																																																																																																																																																																																																																																																																																																																																												
21	216.7																			[8.53]	190.50	[7.500]	209.6	[8.25]	202.2	[7.96]	387700121																																																																																																																																																																																																																																																																																																																																												
22	226.2																			[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]	387700122																																																																																																																																																																																																																																																																																																																																												
23	235.7																			[9.28]	209.55	[8.250]	228.6	[9.00]	221.3	[8.71]	387700123																																																																																																																																																																																																																																																																																																																																												
24	245.2																			[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]	387700124	387790335																																																																																																																																																																																																																																																																																																																																											
25	254.2																			[10.03]	228.60	[9.000]	247.7	[9.75]	240.3	[9.46]	387700125																																																																																																																																																																																																																																																																																																																																												
26	264.3																			[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]	387700126																																																																																																																																																																																																																																																																																																																																												
27	273.8																			[10.78]	247.65	[9.750]	266.7	[10.50]	259.4	[10.21]	387700127																																																																																																																																																																																																																																																																																																																																												
28	283.3																			[11.16]	257.18	[10.125]	276.2	[10.88]	268.9	[10.59]	387700128																																																																																																																																																																																																																																																																																																																																												
29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.4	[10.96]	387700129																																																																																																																																																																																																																																																																																																																																																														
30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387700130																																																																																																																																																																																																																																																																																																																																																														
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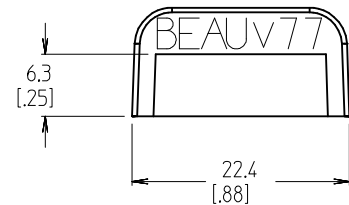
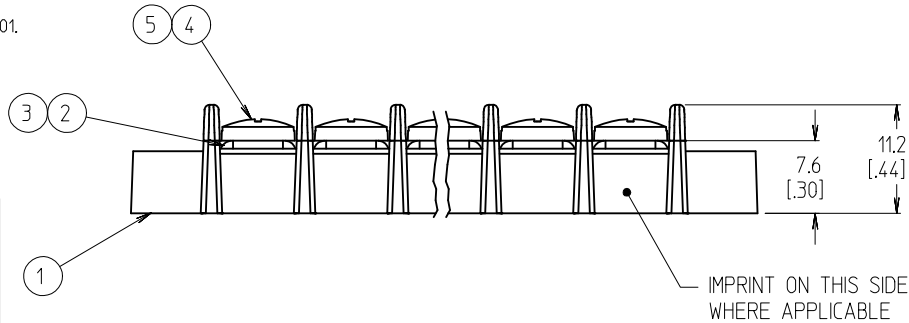
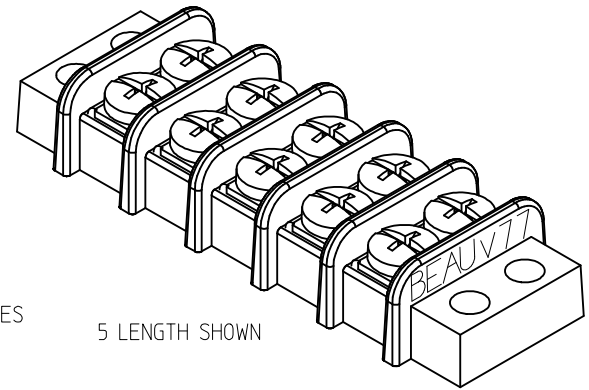
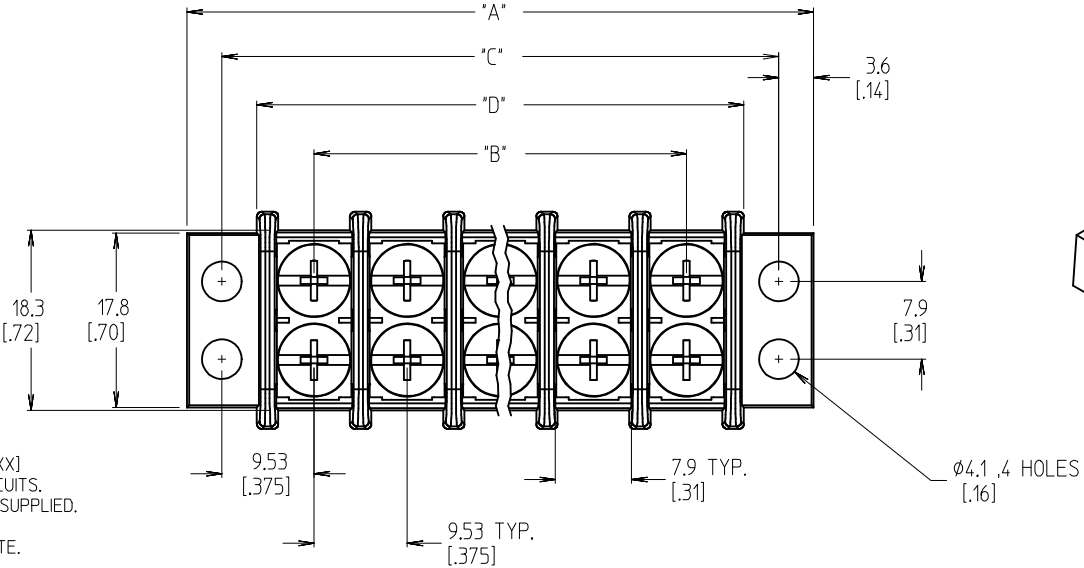
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex 9.53 [.375] DOUBLE ROW LOW PROFILE BTS ASSY	
DIMENSION UNITS		SCALE			
MM/INCH		2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
DIVISIONAL SYMBOLS		CURRENT REV DESC: MIGRATED TO ECTR/NX & ADDED TOLERANCE TABLE		EC NO: 640874	
				DRWN: ABENJAMINLW 2020/05/15	
				CHK'D: MBRZOZOWSKI 2020/05/27	
				APPR: JFMURPHY 2020/07/22	
				INITIAL REVISION:	
				DRWN: CYORK 2004/09/27	
				APPR: grobertson 2004/10/01	
				THIRD ANGLE PROJECTION	
				DRAWING	
				SERIES	
				MATERIAL NUMBER	
				CUSTOMER	
				SHEET NUMBER	



REF. -50 OPT. SCREW
(WHERE APPLICABLE)

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. INCH DIMS ARE SHOWN IN BRACKETS [XXX]
4. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
5. -61 OPTION: ONE ROW OF SCREWS NOT SUPPLIED.
SCREW QUANTITY = "XX".
6. -49 OPTION: USE ITEM 3 TERMINAL PLATE.
ALL OTHERS USE ITEM 2.
7. -58 OPTION: NO SCREWS SUPPLIED.
8. FOR IMPRINTING (-10A OPTION) SEE SD-38120-001.
9. ALL COMPONENTS ARE ROHS COMPLIANT.



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

ITEM	QTY.	DESCRIPTION	MATERIAL NO.	ENGINEERING NO.
6	XX*2	SCREW&WASHER, #6-32X.250, PAN, PHIL-SLOT (-50)	STEEL	ZINC W/CHROMATE
5	XX*2	SCREW, #6-32X.250, BHD, PHIL-SLOT (-49)	BRASS	NICKEL PLATE
4	XX*2	SCREW, #6-32X.250, BHD, PHIL-SLOT (STD &-61)	STEEL	ZINC W/CHROMATE
3	XX	TERMINAL PLATE, TIN PLATED (SEE NOTE 6)	BRASS	TIN PLATE
2	XX	TERMINAL PLATE, NICKEL PLATED	BRASS	NICKEL PLATE
1	1	INSULATOR	PBT	BLACK

1b_frame_B_P_ME_T
Rev. D 2004/04/02

9

8

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6

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2

1

RPM T201844875
EC NO: IPG2018-0437
DRAWN: ABENJAMIN W 2018/03/21
CHKD:
APPR: TMOI DEGEORIE 2018/03/23

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
C. YORK	2006/08/11
CHECKED BY	DATE
J. MACNEIL	2006/08/11
APPROVED BY	DATE
R. DEROSS	2006/08/11

MATERIAL NO.

SCALE
2:1

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

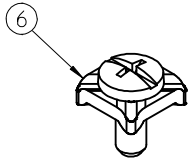
DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

MOLEX INCORPORATED

DOCUMENT NO.
SD-38770-004

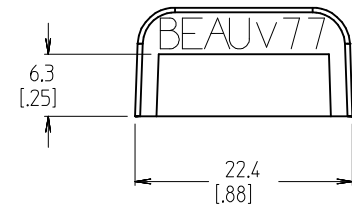
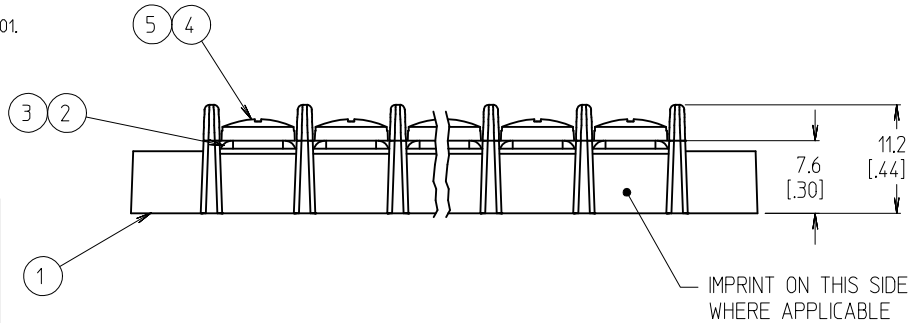
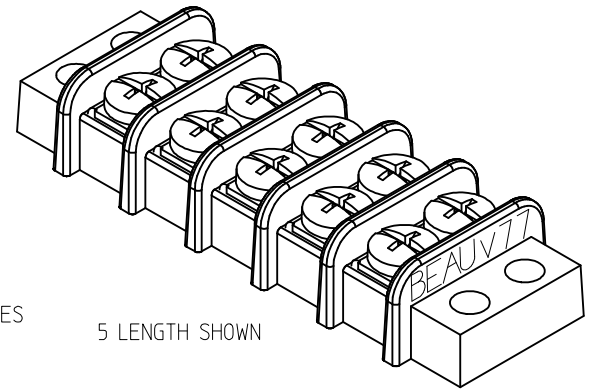
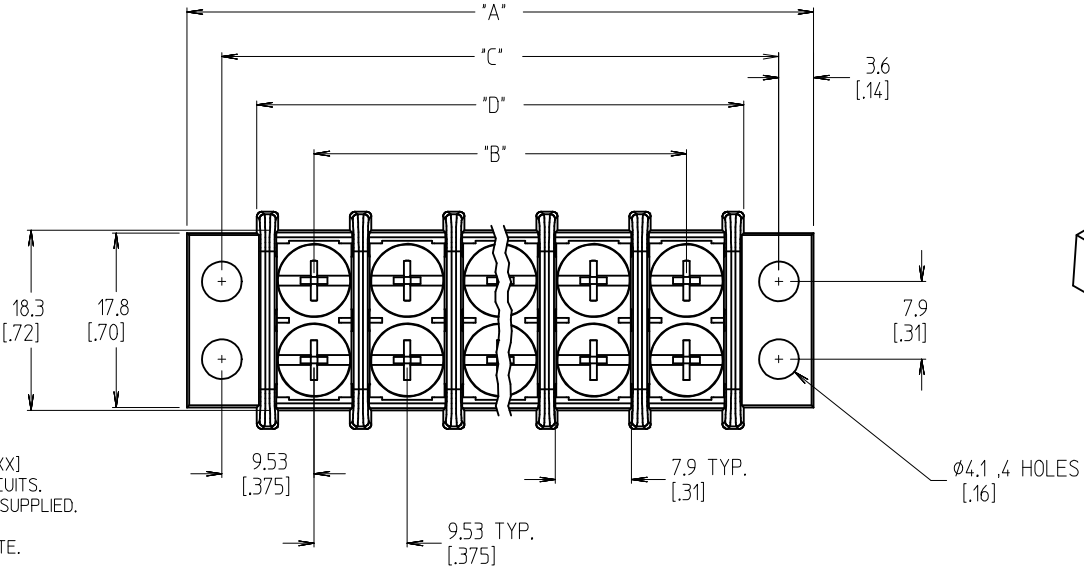
SHEET NO.
1 OF 2



REF. -50 OPT. SCREW
(WHERE APPLICABLE)

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. INCH DIMS ARE SHOWN IN BRACKETS [XXX]
4. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
5. -61 OPTION: ONE ROW OF SCREWS NOT SUPPLIED.
SCREW QUANTITY = "XX".
6. -49 OPTION: USE ITEM 3 TERMINAL PLATE.
ALL OTHERS USE ITEM 2.
7. -58 OPTION: NO SCREWS SUPPLIED.
8. FOR IMPRINTING (-10A OPTION) SEE SD-38120-001.
9. ALL COMPONENTS ARE ROHS COMPLIANT.



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

6	XX*2	SCREW&WASHER, #6-32X.250, PAN, PHIL-SLOT (-50)	STEEL	ZINC W/CHROMATE
5	XX*2	SCREW, #6-32X.250, BHD, PHIL-SLOT (-49)	BRASS	NICKEL PLATE
4	XX*2	SCREW, #6-32X.250, BHD, PHIL-SLOT (STD &-61)	STEEL	ZINC W/CHROMATE
3	XX	TERMINAL PLATE, TIN PLATED (SEE NOTE 6)	BRASS	TIN PLATE
2	XX	TERMINAL PLATE, NICKEL PLATED	BRASS	NICKEL PLATE
1	1	INSULATOR	PBT	BLACK

ITEM	QTY.	DESCRIPTION	MATERIAL NO.	ENGINEERING NO.
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1b_frame_B_P_ME_T
Rev. D 2004/04/02

9

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6

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RPM T201844875
EC NO: IPG2018-0437
DRAWN: ABENJAMIN W 2018/03/21
CHKD:
APPR: TMOI DEGEORIE 2018/03/23

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
C. YORK	2006/08/11
CHECKED BY	DATE
J. MACNEIL	2006/08/11
APPROVED BY	DATE
R. DEROSS	2006/08/11

MATERIAL NO.

SCALE
2:1

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

DESIGN UNITS
INCH

MOLEX INCORPORATED

THIRD ANGLE
PROJECTION

DOCUMENT NO.
SD-38770-004

SHEET NO.
1 OF 2

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

	10	9	8	7	6	5	4	3	2	38770
F										
E										
D										
C										
B										
A										

NO. OF CIRCUITS	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (~49 OPTION)	ASSEMBLY MATERIAL NO. (~50 OPTION)	ASSEMBLY MATERIAL NO. (~58 OPTION)	ASSEMBLY MATERIAL NO. (~10A OPTION)	ASSEMBLY MATERIAL NO. (~61 OPTION)
	mm	in	mm	in	mm	in	mm	in						
02	35.7	1.41	9.53	0.375	28.58	1.125	21.3	0.84	38770-0102	38770-0202	38770-0302	38770-0402	38770-0502	38770-0602
03	45.2	1.78	19.05	0.750	38.10	1.500	30.8	1.21	38770-0103	38770-0203	38770-0303	38770-0403	38770-0503	38770-0603
04	54.7	2.16	28.58	1.125	47.63	1.875	40.3	1.59	38770-0104	38770-0204	38770-0304	38770-0404	38770-0504	38770-0604
05	64.3	2.53	38.10	1.500	57.15	2.250	49.8	1.96	38770-0105	38770-0205	38770-0305	38770-0405	38770-0505	38770-0605
06	73.8	2.91	47.63	1.875	66.68	2.625	59.4	2.34	38770-0106	38770-0206	38770-0306	38770-0406	38770-0506	38770-0606
07	83.3	3.28	57.15	2.250	76.20	3.000	68.9	2.71	38770-0107	38770-0207	38770-0307	38770-0407	38770-0507	38770-0607
08	92.8	3.66	66.68	2.625	85.73	3.375	78.4	3.09	38770-0108	38770-0208	38770-0308	38770-0408	38770-0508	38770-0608
09	102.4	4.03	76.20	3.000	95.25	3.750	87.9	3.46	38770-0109	38770-0209	38770-0309	38770-0409	38770-0509	38770-0609
10	111.9	4.41	85.73	3.375	104.78	4.125	97.5	3.84	38770-0110	38770-0210	38770-0310	38770-0410	38770-0510	38770-0610
11	121.4	4.78	95.25	3.750	114.30	4.500	107.0	4.21	38770-0111	38770-0211	38770-0311	38770-0411	38770-0511	38770-0611
12	130.9	5.16	104.78	4.125	123.83	4.875	116.5	4.59	38770-0112	38770-0212	38770-0312	38770-0412	38770-0512	38770-0612
13	140.5	5.53	114.30	4.500	133.35	5.250	126.0	4.96	38770-0113	38770-0213	38770-0313	38770-0413	38770-0513	38770-0613
14	150.0	5.91	123.83	4.875	142.88	5.625	135.6	5.34	38770-0114	38770-0214	38770-0314	38770-0414	38770-0514	38770-0614
15	159.5	6.28	133.35	5.250	152.40	6.000	145.1	5.71	38770-0115	38770-0215	38770-0315	38770-0415	38770-0515	38770-0615
16	169.0	6.66	142.88	5.625	161.93	6.375	154.6	6.09	38770-0116	38770-0216	38770-0316	38770-0416	38770-0516	38770-0616
17	178.6	7.03	152.40	6.000	171.45	6.750	164.1	6.46	38770-0117	38770-0217	38770-0317	38770-0417	38770-0517	38770-0617
18	188.1	7.41	161.93	6.375	180.89	7.125	173.7	6.84	38770-0118	38770-0218	38770-0318	38770-0418	38770-0518	38770-0618
19	197.6	7.78	171.45	6.750	190.50	7.500	183.2	7.21	38770-0119	38770-0219	38770-0319	38770-0419	38770-0519	38770-0619
20	207.1	8.16	180.89	7.125	200.03	7.875	192.7	7.59	38770-0120	38770-0220	38770-0320	38770-0420	38770-0520	38770-0620
21	216.7	8.53	190.50	7.500	209.55	8.250	202.2	7.96	38770-0121	38770-0221	38770-0321	38770-0421	38770-0521	38770-0621
22	226.2	8.91	200.03	7.875	219.08	8.625	211.8	8.34	38770-0122	38770-0222	38770-0322	38770-0422	38770-0522	38770-0622
23	235.7	9.28	209.55	8.250	228.60	9.000	221.3	8.71	38770-0123	38770-0223	38770-0323	38770-0423	38770-0523	38770-0623
24	245.2	9.66	219.08	8.625	238.13	9.375	230.8	9.09	38770-0124	38770-0224	38770-0324	38770-0424	38770-0524	38770-0624
25	254.8	10.03	228.60	9.000	247.65	9.750	240.3	9.46	38770-0125	38770-0225	38770-0325	38770-0425	38770-0525	38770-0625
26	264.3	10.41	238.13	9.375	257.18	10.125	249.9	9.84	38770-0126	38770-0226	38770-0326	38770-0426	38770-0526	38770-0626
27	273.8	10.78	247.65	9.750	266.70	10.500	259.4	10.21	38770-0127	38770-0227	38770-0327	38770-0427	38770-0527	38770-0627
28	283.3	11.16	257.18	10.125	276.23	10.875	268.9	10.59	38770-0128	38770-0228	38770-0328	38770-0428	38770-0528	38770-0628
29	292.9	11.53	266.70	10.500	285.75	11.250	278.4	10.96	38770-0129	38770-0229	38770-0329	38770-0429	38770-0529	38770-0629
30	302.4	11.91	276.23	10.875	295.28	11.625	288.0	11.34	38770-0130	38770-0230	38770-0330	38770-0430	38770-0530	38770-0630

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±0.010
>6-30	±0.40	.24-1.18	±0.016
>30-120	±0.50	1.18-4.76	±0.020
>120	±0.80	>4.76	±0.031

RPM T201844875 EC NO: PG2018-0437 DRAWN: ABENJAMIN W 2018/03/21 CHKD: APPR: TWOL DEGEORIE 2018/03/23	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE 9.53 [3.75] DOUBLE ROW LOW PROFILE BTS ASSY
B1	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SD-38770-004	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

	10	9	8	7	6	5	4	3	2	38770	
F											F
E											E
D											D
C											C
B											B
A											A

NO. OF CIRCUITS	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (~49 OPTION)	ASSEMBLY MATERIAL NO. (~50 OPTION)	ASSEMBLY MATERIAL NO. (~58 OPTION)	ASSEMBLY MATERIAL NO. (~10A OPTION)	ASSEMBLY MATERIAL NO. (~61 OPTION)
	mm	in	mm	in	mm	in	mm	in						
02	35.7	1.41	9.53	0.375	28.58	1.125	21.3	0.84	38770-0102	38770-0202	38770-0302	38770-0402	38770-0502	38770-0602
03	45.2	1.78	19.05	0.750	38.10	1.500	30.8	1.21	38770-0103	38770-0203	38770-0303	38770-0403	38770-0503	38770-0603
04	54.7	2.16	28.58	1.125	47.63	1.875	40.3	1.59	38770-0104	38770-0204	38770-0304	38770-0404	38770-0504	38770-0604
05	64.3	2.53	38.10	1.500	57.15	2.250	49.8	1.96	38770-0105	38770-0205	38770-0305	38770-0405	38770-0505	38770-0605
06	73.8	2.91	47.63	1.875	66.68	2.625	59.4	2.34	38770-0106	38770-0206	38770-0306	38770-0406	38770-0506	38770-0606
07	83.3	3.28	57.15	2.250	76.20	3.000	68.9	2.71	38770-0107	38770-0207	38770-0307	38770-0407	38770-0507	38770-0607
08	92.8	3.66	66.68	2.625	85.73	3.375	78.4	3.09	38770-0108	38770-0208	38770-0308	38770-0408	38770-0508	38770-0608
09	102.4	4.03	76.20	3.000	95.25	3.750	87.9	3.46	38770-0109	38770-0209	38770-0309	38770-0409	38770-0509	38770-0609
10	111.9	4.41	85.73	3.375	104.78	4.125	97.5	3.84	38770-0110	38770-0210	38770-0310	38770-0410	38770-0510	38770-0610
11	121.4	4.78	95.25	3.750	114.30	4.500	107.0	4.21	38770-0111	38770-0211	38770-0311	38770-0411	38770-0511	38770-0611
12	130.9	5.16	104.78	4.125	123.83	4.875	116.5	4.59	38770-0112	38770-0212	38770-0312	38770-0412	38770-0512	38770-0612
13	140.5	5.53	114.30	4.500	133.35	5.250	126.0	4.96	38770-0113	38770-0213	38770-0313	38770-0413	38770-0513	38770-0613
14	150.0	5.91	123.83	4.875	142.88	5.625	135.6	5.34	38770-0114	38770-0214	38770-0314	38770-0414	38770-0514	38770-0614
15	159.5	6.28	133.35	5.250	152.40	6.000	145.1	5.71	38770-0115	38770-0215	38770-0315	38770-0415	38770-0515	38770-0615
16	169.0	6.66	142.88	5.625	161.93	6.375	154.6	6.09	38770-0116	38770-0216	38770-0316	38770-0416	38770-0516	38770-0616
17	178.6	7.03	152.40	6.000	171.45	6.750	164.1	6.46	38770-0117	38770-0217	38770-0317	38770-0417	38770-0517	38770-0617
18	188.1	7.41	161.93	6.375	180.89	7.125	173.7	6.84	38770-0118	38770-0218	38770-0318	38770-0418	38770-0518	38770-0618
19	197.6	7.78	171.45	6.750	190.50	7.500	183.2	7.21	38770-0119	38770-0219	38770-0319	38770-0419	38770-0519	38770-0619
20	207.1	8.16	180.89	7.125	200.03	7.875	192.7	7.59	38770-0120	38770-0220	38770-0320	38770-0420	38770-0520	38770-0620
21	216.7	8.53	190.50	7.500	209.55	8.250	202.2	7.96	38770-0121	38770-0221	38770-0321	38770-0421	38770-0521	38770-0621
22	226.2	8.91	200.03	7.875	219.08	8.625	211.8	8.34	38770-0122	38770-0222	38770-0322	38770-0422	38770-0522	38770-0622
23	235.7	9.28	209.55	8.250	228.60	9.000	221.3	8.71	38770-0123	38770-0223	38770-0323	38770-0423	38770-0523	38770-0623
24	245.2	9.66	219.08	8.625	238.13	9.375	230.8	9.09	38770-0124	38770-0224	38770-0324	38770-0424	38770-0524	38770-0624
25	254.8	10.03	228.60	9.000	247.65	9.750	240.3	9.46	38770-0125	38770-0225	38770-0325	38770-0425	38770-0525	38770-0625
26	264.3	10.41	238.13	9.375	257.18	10.125	249.9	9.84	38770-0126	38770-0226	38770-0326	38770-0426	38770-0526	38770-0626
27	273.8	10.78	247.65	9.750	266.70	10.500	259.4	10.21	38770-0127	38770-0227	38770-0327	38770-0427	38770-0527	38770-0627
28	283.3	11.16	257.18	10.125	276.23	10.875	268.9	10.59	38770-0128	38770-0228	38770-0328	38770-0428	38770-0528	38770-0628
29	292.9	11.53	266.70	10.500	285.75	11.250	278.4	10.96	38770-0129	38770-0229	38770-0329	38770-0429	38770-0529	38770-0629
30	302.4	11.91	276.23	10.875	295.28	11.625	288.0	11.34	38770-0130	38770-0230	38770-0330	38770-0430	38770-0530	38770-0630

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±0.010
>6-30	±0.40	.24-1.18	±0.016
>30-120	±0.50	1.18-4.76	±0.020
>120	±0.80	>4.76	±0.031

RPM T201844875 EC NO: IFG2018-0437 DRAWN: ABENJAMIN W 2018/03/21 CHKD: APPR: TWOL DEGEORIE 2018/03/23	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE 9.53 [3.75] DOUBLE ROW LOW PROFILE BTS ASSY		
B1	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	DRAWN BY C. YORK DATE 2006/08/11	CHECKED BY J. MACNEIL DATE 2006/08/11	APPROVED BY R. DEROSS DATE 2006/08/11	MATERIAL NO.	DOCUMENT NO. SD-38770-004	SHEET NO. 2 OF 2
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tb_frame_B_P_ME_T
Rev. D 2004/04/02