

| REVISIONS |         |                                                                             |           |    |
|-----------|---------|-----------------------------------------------------------------------------|-----------|----|
| REV.      | ECO. NO | DESCRIPTION                                                                 | DATE      | BY |
| A         | 1012    | ORIGINAL RELEASE                                                            | 04/28/06  | HT |
| B         | 1743    | UPDATE DWG FORMAT TABULATE MATERIAL INCORPORATING "E" & "H" TO CODING CHART | 9/12/2008 | VJ |

## PART NUMBER CODING

### MATERIAL (INSULATOR/CONTACT)

**E = BLACK, PBT/PHOSPHOR BRONZE**

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C FOR 10 SECS MAX

**R = BLACK, PPS/PHOSPHOR BRONZE**

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

**G = BLACK, PA9T/PHOSPHOR BRONZE**

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

**H = BLACK, PBT/BERYLLIUM COPPER**

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C FOR 10 SECS MAX

**A = BLACK, PPS/BERYLLIUM COPPER**

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

**J = BLACK, PA9T/BERYLLIUM COPPER**

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

(CONSULT FACTORY FOR OTHER MATERIALS)

### NUMBER OF POSITIONS (CONTACTS PER ROW)

### PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

B = .000010" GOLD

C = .000030" GOLD

### MOUNTING STYLE

D = FLUSH MOUNTING

N = NO MOUNTING EARS

T = FLUSH MOUNTING, WITH THREADED INSERTS

R = METAL BOARDLOCKS

TERMINATION

.000100" PURE TIN, MATTE

.000100" PURE TIN, MATTE

### NOTES:

#### 1. MATERIALS:

- A. INSULATOR: SEE PART NUMBER CODING.
- B. CONTACT: SEE PART NUMBER CODING.
- C. PLATING: SEE PART NUMBER CODING.

#### 2. THERMAL:

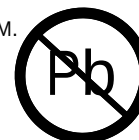
- A. OPERATING TEMPERATURE: SEE PART NUMBER CODING.
- B. PROCESSING TEMP: SEE PART NUMBER CODING.
- C. UL FLAMMABILITY RATING: 94V-0.

#### 3. ELECTRICAL:

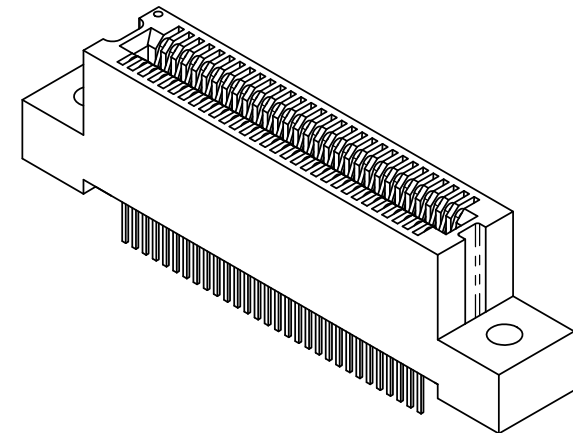
- A. DIELECTRIC WITHSTANDING VOLTAGE: MATED CONNECTOR MUST EXHIBIT NO EVIDENCE OF BREAKDOWN, FLASHOVER, OR DETERIORATION FROM AN APPLIED VOLTAGE OF 300 VAC (VALUE HAS BEEN DE-RATED), RMS 60 HZ WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION SHALL BE 5 SECS MIN.
- B. INSULATION RESISTANCE (IR): 5,000 MEGOHMS @ 500 VOLTS±10% WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344, METHOD 3003 @ 25°C.
- C. CONTACT RESISTANCE: 30 MILLIOHM MAX AT RATED CURRENT WHEN TESTED PER MIL-STD-202, METHOD 307 @ 25°C±3°C.
- D. CURRENT RATING: 1 AMP PER CONTACT.

#### 4. MECHANICAL:

- A. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A LOT CODE AS A MINIMUM. IF SPACE PERMITS ALSO MARK PART WITH SULLINS WEBSITE, AND PART NUMBER.
- B. DURABILITY: 500 CYCLES MINIMUM.
- C. BOARD THICKNESS ACCOMMODATED: .062±.008"
- D. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062" TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
- E. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB.

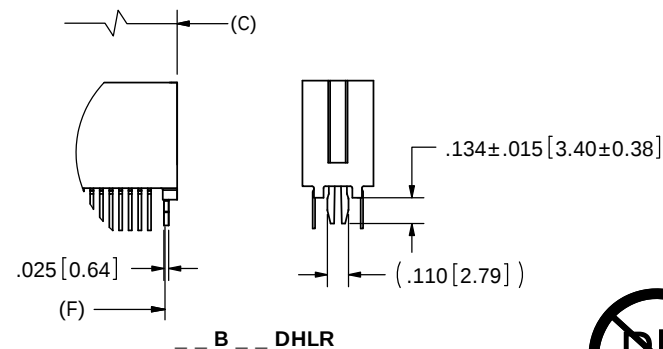
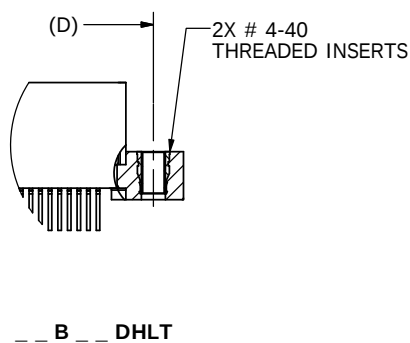
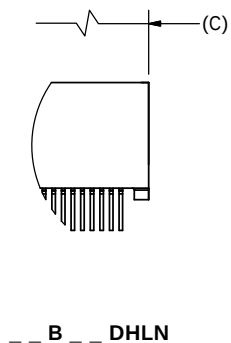
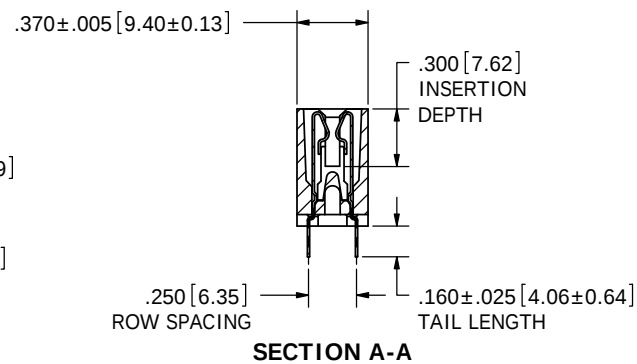
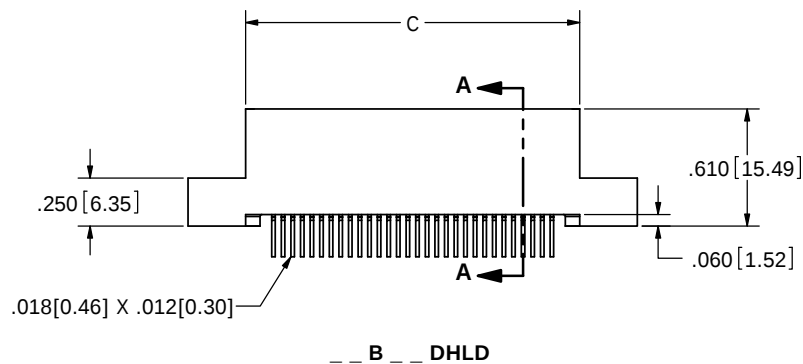
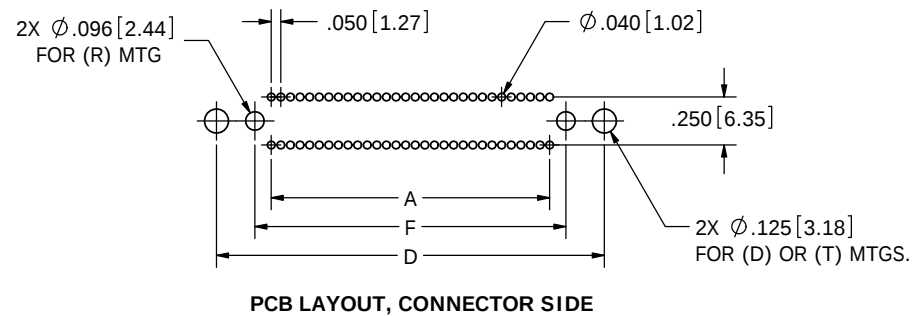
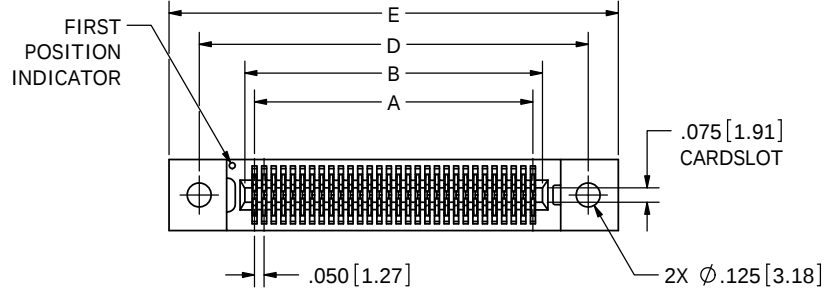


RoHS COMPLIANT



## CUSTOMER COPY

|                                                                                                                                                                                                                                            |                      |                    |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|-------------------------------------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]<br>TOLERANCES:<br>ANGULAR: ± 30°<br>.XX±.02 [508]<br>.XXX±.005 [127]<br>XXXX±.0005 [0127]<br>SURFACE FINISH: 63 Ra<br>REMOVE ALL BURRS AND SHARP EDGES .010 MAX                | DATE<br>04/28/06     | NAME<br>HT         | <br>DESCRIPTION<br>EDGE CARD, .050 CC, HP |
| THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS. | PART NUMBER<br>B DHL |                    |                                           |
| INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994                                                                                                                                                                       | SIZE<br>C            | DWG. NO.<br>C10709 | REV<br>B                                  |
| SCALE: 2:1                                                                                                                                                                                                                                 |                      | SHEET 1 OF 3       |                                           |



## MOUNTING STYLES

CUSTOMER COPY



RoHS COMPLIANT

|                                       |                    |              |  |
|---------------------------------------|--------------------|--------------|--|
| <b>SULLINS</b><br>CONNECTOR SOLUTIONS |                    |              |  |
| DESCRIPTION<br>EDGE CARD, .050 CC, HP |                    |              |  |
| PART NUMBER<br>B DHL                  |                    |              |  |
| SIZE<br>C                             | DWG. NO.<br>C10709 | REV<br>B     |  |
| SCALE: 2:1                            |                    | SHEET 2 OF 3 |  |

| PART NUMBER | NO OF POS. | A ±.005[0.13] |       | B ±.005[0.13] |       | C ±.015[0.38] |       | D ±.010[0.25] |       | E ±.020[0.51] |        | F ±.010[0.25] |       |
|-------------|------------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|--------|---------------|-------|
|             |            | IN            | MM    | IN            | MM    | IN            | MM    | IN            | MM    | IN            | MM     | IN            | MM    |
|             |            | IN            | MM    | IN            | MM    | IN            | MM    | IN            | MM    | IN            | MM     | IN            | MM    |
| B05DHL      | 5          | 0.200         | 5.08  | 0.300         | 7.62  | 0.490         | 12.45 | 0.776         | 19.71 | 1.090         | 27.69  | 0.350         | 8.89  |
| B06DHL      | 6          | 0.250         | 6.35  | 0.350         | 8.89  | 0.540         | 13.72 | 0.826         | 20.98 | 1.140         | 28.96  | 0.400         | 10.16 |
| B07DHL      | 7          | 0.300         | 7.62  | 0.400         | 10.16 | 0.590         | 14.99 | 0.876         | 22.25 | 1.190         | 30.23  | 0.450         | 11.43 |
| B08DHL      | 8          | 0.350         | 8.89  | 0.450         | 11.43 | 0.640         | 16.26 | 0.926         | 23.52 | 1.240         | 31.5   | 0.500         | 12.7  |
| B09DHL      | 9          | 0.400         | 10.16 | 0.500         | 12.7  | 0.690         | 17.53 | 0.976         | 24.79 | 1.290         | 32.77  | 0.550         | 13.97 |
| B10DHL      | 10         | 0.450         | 11.43 | 0.550         | 13.97 | 0.740         | 18.8  | 1.026         | 26.06 | 1.340         | 34.04  | 0.600         | 15.24 |
| B11DHL      | 11         | 0.500         | 12.7  | 0.600         | 15.24 | 0.790         | 20.07 | 1.076         | 27.33 | 1.390         | 35.31  | 0.650         | 16.51 |
| B12DHL      | 12         | 0.550         | 13.97 | 0.650         | 16.51 | 0.840         | 21.34 | 1.126         | 28.6  | 1.440         | 36.58  | 0.700         | 17.78 |
| B13DHL      | 13         | 0.600         | 15.24 | 0.700         | 17.78 | 0.890         | 22.61 | 1.176         | 29.87 | 1.490         | 37.85  | 0.750         | 19.05 |
| B14DHL      | 14         | 0.650         | 16.51 | 0.750         | 19.05 | 0.940         | 23.88 | 1.226         | 31.14 | 1.540         | 39.12  | 0.800         | 20.32 |
| B15DHL      | 15         | 0.700         | 17.78 | 0.800         | 20.32 | 0.990         | 25.15 | 1.276         | 32.41 | 1.590         | 40.39  | 0.850         | 21.59 |
| B16DHL      | 16         | 0.750         | 19.05 | 0.850         | 21.59 | 1.040         | 26.42 | 1.326         | 33.68 | 1.640         | 41.66  | 0.900         | 22.86 |
| B17DHL      | 17         | 0.800         | 20.32 | 0.900         | 22.86 | 1.090         | 27.69 | 1.376         | 34.95 | 1.690         | 42.93  | 0.950         | 24.13 |
| B18DHL      | 18         | 0.850         | 21.59 | 0.950         | 24.13 | 1.140         | 28.96 | 1.426         | 36.22 | 1.740         | 44.2   | 1.000         | 25.4  |
| B19DHL      | 19         | 0.900         | 22.86 | 1.000         | 25.4  | 1.190         | 30.23 | 1.476         | 37.49 | 1.790         | 45.47  | 1.050         | 26.67 |
| B20DHL      | 20         | 0.950         | 24.13 | 1.050         | 26.67 | 1.240         | 31.5  | 1.526         | 38.76 | 1.840         | 46.74  | 1.100         | 27.94 |
| B21DHL      | 21         | 1.000         | 25.4  | 1.100         | 27.94 | 1.290         | 32.77 | 1.576         | 40.03 | 1.890         | 48.01  | 1.150         | 29.21 |
| B22DHL      | 22         | 1.050         | 26.67 | 1.150         | 29.21 | 1.340         | 34.04 | 1.626         | 41.3  | 1.940         | 49.28  | 1.200         | 30.48 |
| B23DHL      | 23         | 1.100         | 27.94 | 1.200         | 30.48 | 1.390         | 35.31 | 1.676         | 42.57 | 1.990         | 50.55  | 1.250         | 31.75 |
| B24DHL      | 24         | 1.150         | 29.21 | 1.250         | 31.75 | 1.440         | 36.58 | 1.726         | 43.84 | 2.040         | 51.82  | 1.300         | 33.02 |
| B25DHL      | 25         | 1.200         | 30.48 | 1.300         | 33.02 | 1.490         | 37.85 | 1.776         | 45.11 | 2.090         | 53.09  | 1.350         | 34.29 |
| B26DHL      | 26         | 1.250         | 31.75 | 1.350         | 34.29 | 1.540         | 39.12 | 1.826         | 46.38 | 2.140         | 54.36  | 1.400         | 35.56 |
| B27DHL      | 27         | 1.300         | 33.02 | 1.400         | 35.56 | 1.590         | 40.39 | 1.876         | 47.65 | 2.190         | 55.63  | 1.450         | 36.83 |
| B28DHL      | 28         | 1.350         | 34.29 | 1.450         | 36.83 | 1.640         | 41.66 | 1.926         | 48.92 | 2.240         | 56.9   | 1.500         | 38.1  |
| B29DHL      | 29         | 1.400         | 35.56 | 1.500         | 38.1  | 1.690         | 42.93 | 1.976         | 50.19 | 2.290         | 58.17  | 1.550         | 39.37 |
| B30DHL      | 30         | 1.450         | 36.83 | 1.550         | 39.37 | 1.740         | 44.2  | 2.026         | 51.46 | 2.340         | 59.44  | 1.600         | 40.64 |
| B31DHL      | 31         | 1.500         | 38.1  | 1.600         | 40.64 | 1.790         | 45.47 | 2.076         | 52.73 | 2.390         | 60.71  | 1.650         | 41.91 |
| B32DHL      | 32         | 1.550         | 39.37 | 1.650         | 41.91 | 1.840         | 46.74 | 2.126         | 54    | 2.440         | 61.98  | 1.700         | 43.18 |
| B33DHL      | 33         | 1.600         | 40.64 | 1.700         | 43.18 | 1.890         | 48.01 | 2.176         | 55.27 | 2.490         | 63.25  | 1.750         | 44.45 |
| B34DHL      | 34         | 1.650         | 41.91 | 1.750         | 44.45 | 1.940         | 49.28 | 2.226         | 56.54 | 2.540         | 64.52  | 1.800         | 45.72 |
| B35DHL      | 35         | 1.700         | 43.18 | 1.800         | 45.72 | 1.990         | 50.55 | 2.276         | 57.81 | 2.590         | 65.79  | 1.850         | 46.99 |
| B36DHL      | 36         | 1.750         | 44.45 | 1.850         | 46.99 | 2.040         | 51.82 | 2.326         | 59.08 | 2.640         | 67.06  | 1.900         | 48.26 |
| B37DHL      | 37         | 1.800         | 45.72 | 1.900         | 48.26 | 2.090         | 53.09 | 2.376         | 60.35 | 2.690         | 68.33  | 1.950         | 49.53 |
| B38DHL      | 38         | 1.850         | 46.99 | 1.950         | 49.53 | 2.140         | 54.36 | 2.426         | 61.62 | 2.740         | 69.6   | 2.000         | 50.8  |
| B39DHL      | 39         | 1.900         | 48.26 | 2.000         | 50.8  | 2.190         | 55.63 | 2.476         | 62.89 | 2.790         | 70.87  | 2.050         | 52.07 |
| B40DHL      | 40         | 1.950         | 49.53 | 2.050         | 52.07 | 2.240         | 56.9  | 2.526         | 64.16 | 2.840         | 72.14  | 2.100         | 53.34 |
| B41DHL      | 41         | 2.000         | 50.8  | 2.100         | 53.34 | 2.290         | 58.17 | 2.576         | 65.43 | 2.890         | 73.41  | 2.150         | 54.61 |
| B42DHL      | 42         | 2.050         | 52.07 | 2.150         | 54.61 | 2.340         | 59.44 | 2.626         | 66.7  | 2.940         | 74.68  | 2.200         | 55.88 |
| B43DHL      | 43         | 2.100         | 53.34 | 2.200         | 55.88 | 2.390         | 60.71 | 2.676         | 67.97 | 2.990         | 75.95  | 2.250         | 57.15 |
| B44DHL      | 44         | 2.150         | 54.61 | 2.250         | 57.15 | 2.440         | 61.98 | 2.726         | 69.24 | 3.040         | 77.22  | 2.300         | 58.42 |
| B45DHL      | 45         | 2.200         | 55.88 | 2.300         | 58.42 | 2.490         | 63.25 | 2.776         | 70.51 | 3.090         | 78.49  | 2.350         | 59.69 |
| B46DHL      | 46         | 2.250         | 57.15 | 2.350         | 59.69 | 2.540         | 64.52 | 2.826         | 71.78 | 3.140         | 79.76  | 2.400         | 60.96 |
| B47DHL      | 47         | 2.300         | 58.42 | 2.400         | 60.96 | 2.590         | 65.79 | 2.876         | 73.05 | 3.190         | 81.03  | 2.450         | 62.23 |
| B48DHL      | 48         | 2.350         | 59.69 | 2.450         | 62.23 | 2.640         | 67.06 | 2.926         | 74.32 | 3.240         | 82.3   | 2.500         | 63.5  |
| B49DHL      | 49         | 2.400         | 60.96 | 2.500         | 63.5  | 2.690         | 68.33 | 2.976         | 75.59 | 3.290         | 83.57  | 2.550         | 64.77 |
| B50DHL      | 50         | 2.450         | 62.23 | 2.550         | 64.77 | 2.740         | 69.6  | 3.026         | 76.86 | 3.340         | 84.84  | 2.600         | 66.04 |
| B51DHL      | 51         | 2.500         | 63.5  | 2.600         | 66.04 | 2.790         | 70.87 | 3.076         | 78.13 | 3.390         | 86.11  | 2.650         | 67.31 |
| B52DHL      | 52         | 2.550         | 64.77 | 2.650         | 67.31 | 2.840         | 72.14 | 3.126         | 79.4  | 3.440         | 87.38  | 2.700         | 68.58 |
| B53DHL      | 53         | 2.600         | 66.04 | 2.700         | 68.58 | 2.890         | 73.41 | 3.176         | 80.67 | 3.490         | 88.65  | 2.750         | 69.85 |
| B54DHL      | 54         | 2.650         | 67.31 | 2.750         | 69.85 | 2.940         | 74.68 | 3.226         | 81.94 | 3.540         | 89.92  | 2.800         | 71.12 |
| B55DHL      | 55         | 2.700         | 68.58 | 2.800         | 71.12 | 2.990         | 75.95 | 3.276         | 83.21 | 3.590         | 91.19  | 2.850         | 72.39 |
| B56DHL      | 56         | 2.750         | 69.85 | 2.850         | 72.39 | 3.040         | 77.22 | 3.326         | 84.48 | 3.640         | 92.46  | 2.900         | 73.66 |
| B57DHL      | 57         | 2.800         | 71.12 | 2.900         | 73.66 | 3.090         | 78.49 | 3.376         | 85.75 | 3.690         | 93.73  | 2.950         | 74.93 |
| B58DHL      | 58         | 2.850         | 72.39 | 2.950         | 74.93 | 3.140         | 79.76 | 3.426         | 87.02 | 3.740         | 95     | 3.000         | 76.2  |
| B59DHL      | 59         | 2.900         | 73.66 | 3.000         | 76.2  | 3.190         | 81.03 | 3.476         | 88.29 | 3.790         | 96.27  | 3.050         | 77.47 |
| B60DHL      | 60         | 2.950         | 74.93 | 3.050         | 77.47 | 3.240         | 82.3  | 3.526         | 89.56 | 3.840         | 97.54  | 3.100         | 78.74 |
| B61DHL      | 61         | 3.000         | 76.2  | 3.100         | 78.74 | 3.290         | 83.57 | 3.576         | 90.83 | 3.890         | 98.81  | 3.150         | 80.01 |
| B62DHL      | 62         | 3.050         | 77.47 | 3.150         | 80.01 | 3.340         | 84.84 | 3.626         | 92.1  | 3.940         | 100.08 | 3.200         | 81.28 |
| B63DHL      | 63         | 3.100         | 78.74 | 3.200         | 81.28 | 3.390         | 86.11 | 3.676         | 93.37 | 3.990         | 101.35 | 3.250         | 82.55 |
| B64DHL      | 64         | 3.150         | 80.01 | 3.250         | 82.55 | 3.440         | 87.38 | 3.726         | 94.64 | 4.040         | 102.62 | 3.300         | 83.82 |
| B65DHL      | 65         | 3.200         | 81.28 | 3.300         | 83.82 | 3.490         | 88.65 | 3.776         | 95.91 | 4.090         | 103.89 | 3.350         | 85.09 |

| PART NUMBER      | NO OF POS. | A ±.005[0.13] |        | B ±.005[0.13] |        | C ±.015[0.38] |        | D ±.010[0.25] |        | E ±.020[0.51] |        | F ±.010[0.25] |        |
|------------------|------------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|                  |            | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     |
|                  |            | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     | IN            | MM     |
| B66DHL           | 66         | 3.250         | 82.55  | 3.350         | 85.09  | 3.540         | 89.92  | 3.826         | 97.18  | 4.140         | 105.16 | 3.400         | 86.36  |
| B67DHL           | 67         | 3.300         | 83.82  | 3.400         | 86.36  | 3.590         | 91.19  | 3.876         | 98.45  | 4.190         | 106.43 | 3.450         | 87.63  |
| B68DHL           | 68         | 3.350         | 85.09  | 3.450         | 87.63  | 3.640         | 92.46  | 3.926         | 99.72  | 4.240         | 107.70 | 3.500         | 88.9   |
| B69DHL           | 69         | 3.400         | 86.36  | 3.500         | 88.90  | 3.690         | 93.73  | 3.976         | 100.99 | 4.290         | 108.97 | 3.550         | 90.17  |
| B70DHL           | 70         | 3.450         | 87.63  | 3.550         | 90.17  | 3.740         | 95.00  | 4.026         | 102.26 | 4.340         | 110.24 | 3.600         | 91.44  |
| B71DHL           | 71         | 3.500         | 88.90  | 3.600         | 91.44  | 3.790         | 96.27  | 4.076         | 103.53 | 4.390         | 111.51 | 3.650         | 92.71  |
| B72DHL           | 72         | 3.550         | 90.17  | 3.650         | 92.71  | 3.840         | 97.54  | 4.126         | 104.80 | 4.440         | 112.78 | 3.700         | 93.95  |
| B73DHL           | 73         | 3.600         | 91.44  | 3.700         | 93.98  | 3.890         | 98.81  | 4.176         | 106.07 | 4.490         | 114.05 | 3.750         | 95.25  |
| B74DHL           | 74         | 3.650         | 92.71  | 3.750         | 95.25  | 3.940         | 100.08 | 4.226         | 107.34 | 4.540         | 115.32 | 3.800         | 96.52  |
| B75DHL           | 75         | 3.700         | 93.98  | 3.800         | 96.52  | 3.990         | 101.35 | 4.276         | 108.61 | 4.590         | 116.59 | 3.850         | 97.79  |
| B76DHL           | 76         | 3.750         | 95.25  | 3.850         | 97.79  | 4.040         | 102.62 | 4.326         | 109.88 | 4.640         | 117.86 | 3.900         | 99.06  |
| B77DHL           | 77         | 3.800         | 96.52  | 3.900         | 99.06  | 4.090         | 103.89 | 4.376         | 111.15 | 4.690         | 119.13 | 3.950         | 100.33 |
| B78DHL           | 78         | 3.850         | 97.79  | 3.950         | 100.33 | 4.140         | 105.16 | 4.426         | 112.42 | 4.740         | 120.40 | 4.000         | 101.6  |
| B79DHL           | 79         | 3.900         | 99.06  | 4.000         | 101.60 | 4.190         | 106.43 | 4.476         | 113.69 | 4.790         | 121.67 | 4.050         | 102.87 |
| B80DHL           | 80         | 3.950         | 100.33 | 4.050         | 102.87 | 4.240         | 107.70 | 4.526         | 114.96 | 4.840         | 122.94 | 4.100         | 104.14 |
| B81DHL           | 81         | 4.000         | 101.60 | 4.100         | 104.14 | 4.290         | 108.97 | 4.576         | 116.23 | 4.890         | 124.21 | 4.150         | 105.41 |
| B82DHL           | 82         | 4.050         | 102.87 | 4.150         | 105.41 | 4.340         | 110.24 | 4.626         | 117.50 | 4.940         | 125.48 | 4.200         | 106.68 |
| B83DHL           | 83         | 4.100         | 104.14 | 4.200         | 106.68 | 4.390         | 111.51 | 4.676         | 118.77 | 4.990         | 126.75 | 4.250         | 107.95 |
| B84DHL           | 84         | 4.150         | 105.41 | 4.250         | 107.95 | 4.440         | 112.78 | 4.726         | 120.04 | 5.040         | 128.02 | 4.300         | 109.22 |
| B85DHL           | 85         | 4.200         | 106.68 | 4.300         | 109.22 | 4.490         | 114.05 | 4.776         | 121.31 | 5.090         | 129.29 | 4.350         | 110.49 |
| B86DHL           | 86         | 4.250         | 107.95 | 4.350         | 110.49 | 4.540         | 115.32 | 4.826         | 122.58 | 5.140         | 130.56 | 4.400         | 111.76 |
| B87DHL           | 87         | 4.300         | 109.22 | 4.400         | 111.76 | 4.590         | 116.59 | 4.876         | 123.85 | 5.190         | 131.83 | 4.450         | 113.03 |
| B88DHL           | 88         | 4.350         | 110.49 | 4.450         | 113.03 | 4.640         | 117.86 | 4.926         | 125.12 | 5.240         | 133.10 | 4.500         | 114.3  |
| B89DHL           | 89         | 4.400         | 111.76 | 4.500         | 114.30 | 4.690         | 119.13 | 4.976         | 126.39 | 5.290         | 134.37 | 4.550         | 115.57 |
| B90DHL           | 90         | 4.450         | 113.03 | 4.550         | 115.57 | 4.740         | 120.40 | 5.026         | 127.66 | 5.340         | 135.64 | 4.600         | 116.84 |
| B91DHL           | 91         | 4.500         | 114.30 | 4.600         | 116.84 | 4.790         | 121.67 | 5.076         | 128.93 | 5.390         | 136.91 | 4.650         | 118.1  |
| B92DHL           | 92         | 4.550         | 115.57 | 4.650         | 118.11 | 4.840         | 122.94 | 5.126         | 130.20 | 5.440         | 138.18 | 4.700         | 119.38 |
| B93DHL           | 93         | 4.600         | 116.84 | 4.700         | 119.38 | 4.890         | 124.21 | 5.176         | 131.47 | 5.490         | 139.45 | 4.750         | 120.65 |
| B94DHL           | 94         | 4.650         | 118.11 | 4.750         | 120.65 | 4.940         | 125.48 | 5.226         | 132.74 | 5.540         | 140.72 | 4.800         | 121.92 |
| B95DHL           | 95         | 4.700         | 119.38 | 4.800         | 121.92 | 4.990         | 126.75 | 5.276         | 134.01 | 5.590         | 141.99 | 4.850         | 123.19 |
| B96DHL           | 96         | 4.750         | 120.65 | 4.850         | 123.19 | 5.040         | 128.02 | 5.326         | 135.28 | 5.640         | 143.26 | 4.900         | 124.46 |
| B97DHL           | 97         | 4.800         | 121.92 | 4.900         | 124.46 | 5.090         | 129.29 | 5.376         | 136.55 | 5.690         | 144.53 | 4.950         | 125.73 |
| B98DHL           | 98         | 4.850         | 123.19 | 4.950         | 125.73 | 5.140         | 130.56 | 5.426         | 137.82 | 5.740         | 145.80 | 5.000         | 127    |
| B99DHL           | 99         | 4.900         | 124.46 | 5.000         | 127.00 | 5.190         | 131.83 | 5.476         | 139.09 | 5.790         | 147.07 | 5.050         | 128.27 |
| B100DHL          | 100        | 4.950         | 125.73 | 5.050         | 128.27 | 5.240         | 133.10 | 5.526         | 140.36 | 5.840         | 148.34 | 5.100         | 129.54 |
| B101DHL          | 101        | 5.000         | 127.00 | 5.100         | 129.54 | 5.290         | 134.37 | 5.576         | 141.63 | 5.890         | 149.61 | 5.150         | 130.81 |
| B102DHL          | 102        | 5.050         | 128.27 | 5.150         | 130.81 | 5.340         | 135.64 | 5.626         | 142.90 | 5.940         | 150.88 | 5.200         | 132.08 |
| B103DHL          | 103        | 5.100         | 129.54 | 5.200         | 132.08 | 5.390         | 136.91 | 5.676         | 144.17 | 5.990         | 152.15 | 5.250         | 133.35 |
| B104DHL          | 104        | 5.150         | 130.81 | 5.250         | 133.35 | 5.440         | 138.18 | 5.726         | 145.44 | 6.040         | 153.42 | 5.300         | 134.62 |
| B105DHL          | 105        | 5.200         | 132.08 | 5.300         | 134.62 | 5.490         | 139.45 | 5.776         | 146.71 | 6.090         | 154.69 | 5.350         | 135.89 |
| B106DHL          | 106        | 5.250         | 133.35 | 5.350         | 135.89 | 5.540         | 140.72 | 5.826         | 147.98 | 6.140         | 155.96 | 5.400         | 137.16 |
| B107DHL          | 107        | 5.300         | 134.62 | 5.400         | 137.16 | 5.590         | 141.99 | 5.876         | 149.25 | 6.190         | 157.23 | 5.450         | 138.43 |
| B108DHL          | 108        | 5.350         | 135.89 | 5.450         | 138.43 | 5.640         | 143.26 | 5.926         | 150.52 | 6.240         | 158.50 | 5.500         | 139.7  |
| B109DHL          | 109        | 5.400         | 137.16 | 5.500         | 139.70 | 5.690         | 144.53 | 5.976         | 151.79 | 6.290         | 159.77 | 5.550         | 140.97 |
| B110DHL          | 110        | 5.450         | 138.43 | 5.550         | 140.97 | 5.740         | 145.80 | 6.026         | 153.06 | 6.340         | 161.04 | 5.600         | 142.24 |
| B111DHL          | 111        | 5.500         | 139.70 | 5.600         | 142.24 | 5.790         |        |               |        |               |        |               |        |
| B112DHL          | 112        | 5.550         | 140.97 | 5.650         | 143.51 | 5.840         |        |               |        |               |        |               |        |
| B113DHL          | 113        | 5.600         | 142.24 | 5.700         | 144.78 | 5.890         |        |               |        |               |        |               |        |
| B114DHL          | 114        | 5.650         | 143.51 | 5.750         | 146.05 | 5.940         |        |               |        |               |        |               |        |
| B115DHL          | 115        | 5.700         | 144.78 | 5.800         | 147.32 | 5.990         |        |               |        |               |        |               |        |
| B116DHL          | 116        | 5.750         | 146.05 | 5.850         | 148.59 | 6.040         |        |               |        |               |        |               |        |
| B117DHL          | 117        | 5.800         | 147.32 | 5.900         | 149.86 | 6.090         |        |               |        |               |        |               |        |
| B118DHL          | 118        | 5.850         | 148.59 | 5.950         | 151.13 | 6.140         |        |               |        |               |        |               |        |
| B119DHL          | 119        | 5.900         | 149.86 | 6.000         | 152.40 | 6.190         |        |               |        |               |        |               |        |
| B120DHL          | 120        | 5.950         | 151.13 | 6.050         | 153.67 | 6.240         |        |               |        |               |        |               |        |
| N' MOUNTING ONLY |            |               |        |               |        |               |        |               |        |               |        |               |        |