

## PART NUMBER CODING

B DYH S

## MATERIAL (INSULATOR/CONTACT)

R = BLACK, PPS/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

G = BLACK, PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

A = BLACK, PPS/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

J = BLACK, PA9T/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

\*F = BLACK, PPS/SPINODAL

OPERATING TEMP: -65°C TO +200°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

(CONSULT FACTORY FOR SPECIAL SOLDERING GUIDELINES)

\*AVAILABLE IN 'M' PLATING ONLY

## MODIFICATION

OMIT FOR STANDARD, EX: 'RBB15DYHD'

S# FOR MOLDED KEY

(SEE DRAWING C13556 FOR S#, 'G', &amp; 'H' DIMENSIONS)

## MOUNTING STYLE

D = FLUSH MOUNTING (PAGE 1)

N = NO MOUNTING EARS (PAGE 2)

T = FLUSH MOUNTING, WITH THREADED INSERTS (PAGE 2)

R = METAL BOARD LOCKS (PAGE 2)

B = OPEN CARD SLOT

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

\*\*N = .000050" GOLD

M = .000030" GOLD

\*\* AVAILABLE WITH MATERIAL CODE A OR J ONLY

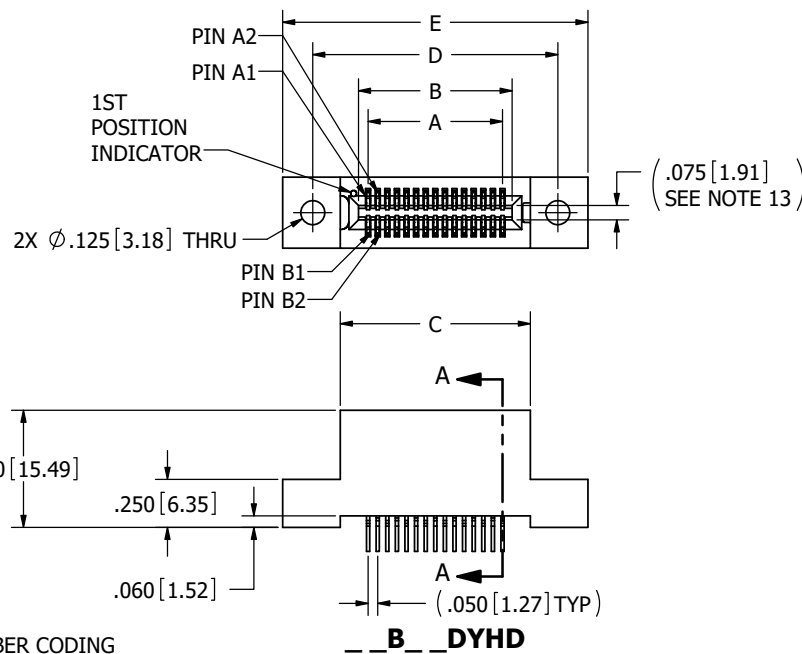
## TERMINATION

.000100" PURE TIN, MATTE

.000100" PURE TIN, MATTE

.000100" PURE TIN, MATTE

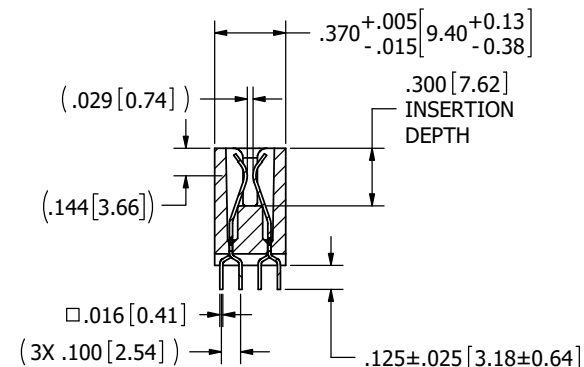
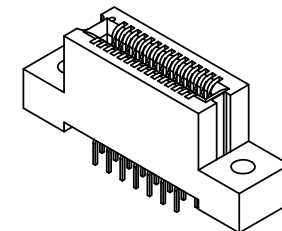
.000010" GOLD OVERALL



## NOTES:

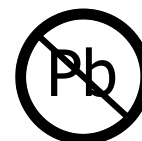
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 300 VAC
8. CURRENT RATING: 1 AMP
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHM
11. DURABILITY: 5000 CYCLES MINIMUM
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
13. BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20]
14. INSERTION FORCE: 6 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE  
INTERNAL INSPECTION TO BE PER SULLINS WORK INSTRUCTION WI-8.6-03
15. WITHDRAWAL FORCE: 1/2 OZ MINIMUM PER CONTACT PAIR USING .062 [1.57] TEST BLADE
16. MODIFICATION: SEE PART NUMBER CODING

| REVISIONS |         |                                                                         |           |    |
|-----------|---------|-------------------------------------------------------------------------|-----------|----|
| REV.      | ECO. NO | DESCRIPTION                                                             | DATE      | BY |
| F         | 4614    | ADD 'X' MATERIAL, INCREASE CONTACT SURFACE RADIUS BIGGER                | 1/5/2023  | JH |
| H         | 4626    | UPDATE NOTE 11 (WAS '500 CYCLES'), UPDATE NOTE 8 (REMOVE 'PER CONTACT') | 2/8/2023  | MM |
| J         | 4668    | REMOVE 'X' MATERIAL                                                     | 5/11/2023 | JH |



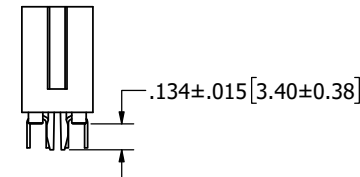
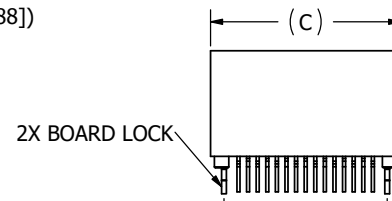
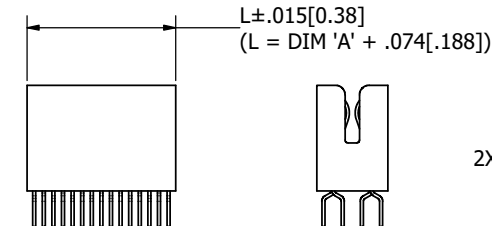
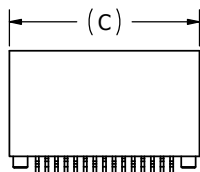
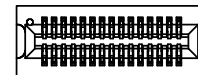
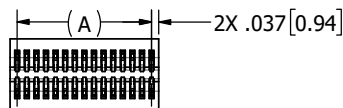
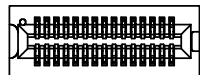
SECTION A-A

## CUSTOMER COPY



RoHS COMPLIANT

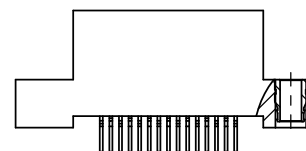
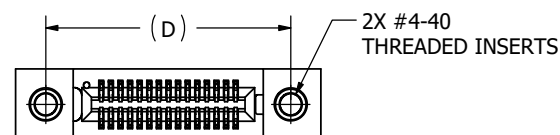
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  |                                 |
|----------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|--|---------------------------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES [MM]               |  | DRAWN                                                                                                                                                                                                                                                           | DATE     | NAME |  |                                 |
|                                                                            |  |                                                                                                                                                                                                                                                                 | 06/18/10 | TT   |  |                                 |
| TOLERANCES:                                                                |  | THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |          |      |  | TITLE                           |
| ANGULAR: ± 1°                                                              |  |                                                                                                                                                                                                                                                                 |          |      |  | EDGE CARD, .050" CC, CANTILEVER |
| DECIMALS<br>.XX = ± .02 [5]<br>.XXX = ± .005 [13]<br>.XXXX = ± .0005 [013] |  |                                                                                                                                                                                                                                                                 |          |      |  | PART NUMBER                     |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | B DYH S                         |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | SIZE                            |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | C 54453                         |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | DWG. NO.                        |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | C11419                          |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | REV                             |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | J                               |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | SCALE: 2:1                      |
|                                                                            |  |                                                                                                                                                                                                                                                                 |          |      |  | SHEET 1 OF 3                    |



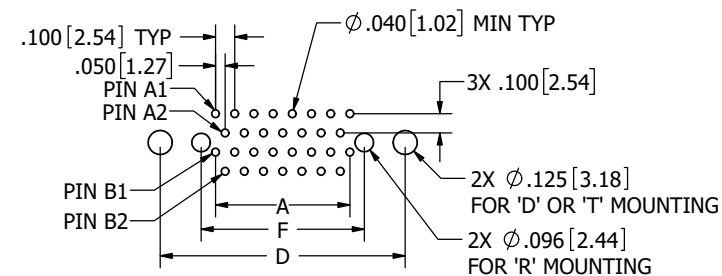
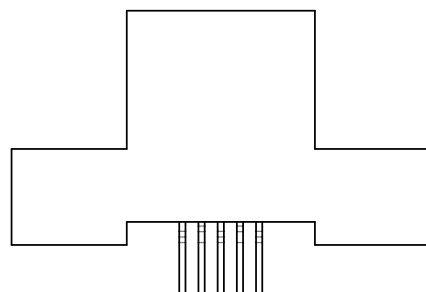
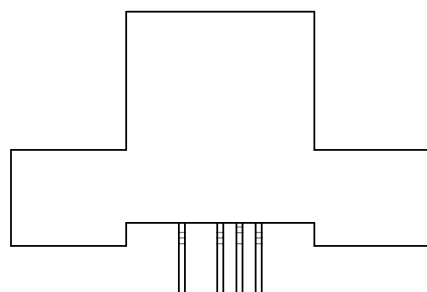
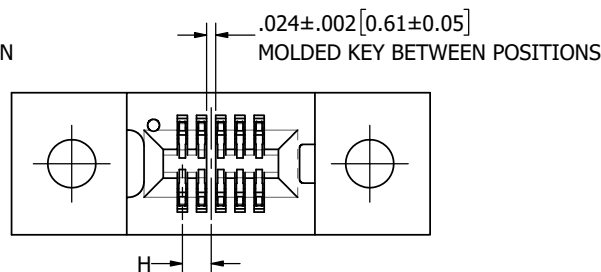
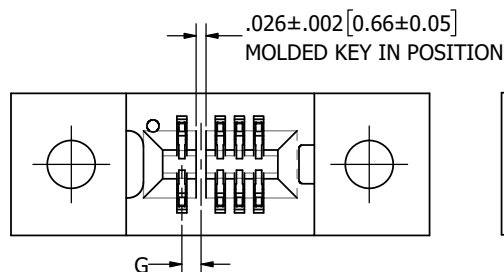
**\_\_B\_\_DYHN**

**\_\_B\_\_DYHB**

**\_\_B\_\_DYHR**



**\_\_B\_\_DYHT**



**RECOMMENDED PCB LAYOUT**

**CUSTOMER COPY**

**S# MODIFICATION  
( 'D' MOUNT AS SHOWN FOR EXAMPLE, SCALE 4:1 )**



RoHS COMPLIANT

|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  |               |
|---------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|--|---------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES [MM]              |  | DRAWN                                                                                                                                                                                                                                                           | DATE     | NAME |  |               |
| TOLERANCES:                                                               |  |                                                                                                                                                                                                                                                                 | 06/18/10 | TT   |  |               |
| ANGULAR: ± 1°                                                             |  | THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |          |      |  | TITLE         |
| DECIMALS<br>.XX = ± .02 [5]<br>.XXX = ± .005 [13]<br>.XXXX = ± .0005 [13] |  |                                                                                                                                                                                                                                                                 |          |      |  | PART NUMBER   |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | __B__DYH -S__ |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | SIZE          |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | CAGE CODE     |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | DWG. NO.      |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | REV           |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | J             |
|                                                                           |  |                                                                                                                                                                                                                                                                 |          |      |  | 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    |
| B05DYH      | 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  |
| B06DYH      | 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 |
| B07DYH      | 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 |
| B08DYH      | 8          | 0.350         | 8.89  | 0.450         | 11.43 | 0.640         | 16.26 | 0.926         | 23.52 | 1.240         | 31.50  | 0.500         | 12.70 |
| B09DYH      | 9          | 0.400         | 10.16 | 0.500         | 12.70 | 0.690         | 17.53 | 0.976         | 24.79 | 1.290         | 32.77  | 0.550         | 13.97 |
| B10DYH      | 10         | 0.450         | 11.43 | 0.550         | 13.97 | 0.740         | 18.80 | 1.026         | 26.06 | 1.340         | 34.04  | 0.600         | 15.24 |
| B11DYH      | 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 |
| B12DYH      | 12         | 0.550         | 13.97 | 0.650         | 16.51 | 0.840         | 21.34 | 1.126         | 28.60 | 1.440         | 36.58  | 0.700         | 17.78 |
| B13DYH      | 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 |
| B14DYH      | 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 |
| B15DYH      | 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 |
| B16DYH      | 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 |
| B17DYH      | 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 |
| B18DYH      | 18         | 0.850         | 21.59 | 0.950         | 24.13 | 1.140         | 28.96 | 1.426         | 36.22 | 1.740         | 44.20  | 1.000         | 25.40 |
| B19DYH      | 19         | 0.900         | 22.86 | 1.000         | 25.40 | 1.190         | 30.23 | 1.476         | 37.49 | 1.790         | 45.47  | 1.050         | 26.67 |
| B20DYH      | 20         | 0.950         | 24.13 | 1.050         | 26.67 | 1.240         | 31.50 | 1.526         | 38.76 | 1.840         | 46.74  | 1.100         | 27.94 |
| B21DYH      | 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 |
| B22DYH      | 22         | 1.050         | 26.67 | 1.150         | 29.21 | 1.340         | 34.04 | 1.626         | 41.30 | 1.940         | 49.28  | 1.200         | 30.48 |
| B23DYH      | 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 |
| B24DYH      | 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 |
| B25DYH      | 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 |
| B26DYH      | 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 |
| B27DYH      | 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 |
| B28DYH      | 28         | 1.350         | 34.29 | 1.450         | 36.83 | 1.640         | 41.66 | 1.926         | 48.92 | 2.240         | 56.90  | 1.500         | 38.10 |
| B29DYH      | 29         | 1.400         | 35.56 | 1.500         | 38.10 | 1.690         | 42.93 | 1.976         | 50.19 | 2.290         | 58.17  | 1.550         | 39.37 |
| B30DYH      | 30         | 1.450         | 36.83 | 1.550         | 39.37 | 1.740         | 44.20 | 2.026         | 51.46 | 2.340         | 59.44  | 1.600         | 40.64 |
| B31DYH      | 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 |
| B32DYH      | 32         | 1.550         | 39.37 | 1.650         | 41.91 | 1.840         | 46.74 | 2.126         | 54.00 | 2.440         | 61.98  | 1.700         | 43.18 |
| B33DYH      | 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 |
| B34DYH      | 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 |
| B35DYH      | 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 |
| B36DYH      | 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 |
| B37DYH      | 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 |
| B38DYH      | 38         | 1.850         | 46.99 | 1.950         | 49.53 | 2.140         | 54.36 | 2.426         | 61.62 | 2.740         | 69.60  | 2.000         | 50.80 |
| B39DYH      | 39         | 1.900         | 48.26 | 2.000         | 50.80 | 2.190         | 55.63 | 2.476         | 62.89 | 2.790         | 70.87  | 2.050         | 52.07 |
| B40DYH      | 40         | 1.950         | 49.53 | 2.050         | 52.07 | 2.240         | 56.90 | 2.526         | 64.16 | 2.840         | 72.14  | 2.100         | 53.34 |
| B41DYH      | 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 |
| B42DYH      | 42         | 2.050         | 52.07 | 2.150         | 54.61 | 2.340         | 59.44 | 2.626         | 66.70 | 2.940         | 74.68  | 2.200         | 55.88 |
| B43DYH      | 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 |
| B44DYH      | 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 |
| B45DYH      | 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 |
| B46DYH      | 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 |
| B47DYH      | 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 |
| B48DYH      | 48         | 2.350         | 59.69 | 2.450         | 62.23 | 2.640         | 67.06 | 2.926         | 74.32 | 3.240         | 82.30  | 2.500         | 63.50 |
| B49DYH      | 49         | 2.400         | 60.96 | 2.500         | 63.50 | 2.690         | 68.33 | 2.976         | 75.59 | 3.290         | 83.57  | 2.550         | 64.77 |
| B50DYH      | 50         | 2.450         | 62.23 | 2.550         | 64.77 | 2.740         | 69.60 | 3.026         | 76.86 | 3.340         | 84.84  | 2.600         | 66.04 |
| B51DYH      | 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 |
| B52DYH      | 52         | 2.550         | 64.77 | 2.650         | 67.31 | 2.840         | 72.14 | 3.126         | 79.40 | 3.440         | 87.38  | 2.700         | 68.58 |
| B53DYH      | 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 |
| B54DYH      | 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 |
| B55DYH      | 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 |
| B56DYH      | 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 |
| B57DYH      | 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 |
| B58DYH      | 58         | 2.850         | 72.39 | 2.950         | 74.93 | 3.140         | 79.76 | 3.426         | 87.02 | 3.740         | 95.00  | 3.000         | 76.20 |
| B59DYH      | 59         | 2.900         | 73.66 | 3.000         | 76.20 | 3.190         | 81.03 | 3.476         | 88.29 | 3.790         | 96.27  | 3.050         | 77.47 |
| B60DYH      | 60         | 2.950         | 74.93 | 3.050         | 77.47 | 3.240         | 82.30 | 3.526         | 89.56 | 3.840         | 97.54  | 3.100         | 78.74 |
| B61DYH      | 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 |
| B62DYH      | 62         | 3.050         | 77.47 | 3.150         | 80.01 | 3.340         | 84.84 | 3.626         | 92.10 | 3.940         | 100.08 | 3.200         | 81.28 |

| 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     |
| B63DYH      | 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  |
| B64DYH      | 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  |
| B65DYH      | 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  |
| B66DYH      | 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  |
| B67DYH      | 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  |
| B68DYH      | 68         | 3.350        | 85.09  | 3.450        | 87.63  | 3.640        | 92.46  | 3.926        | 99.72  | 4.240        | 107.70 | 3.500        | 88.90  |
| B69DYH      | 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  |
| B70DYH      | 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  |
| B71DYH      | 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  |
| B72DYH      | 72         | 3.550        | 90.17  | 3.650        | 92.71  | 3.840        | 97.54  | 4.126        | 104.80 | 4.440        | 112.78 | 3.700        | 93.98  |
| B73DYH      | 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  |
| B74DYH      | 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  |
| B75DYH      | 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  |
| B76DYH      | 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  |
| B77DYH      | 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 |
| B78DYH      | 78         | 3.850        | 97.79  | 3.950        | 100.33 | 4.140        | 105.16 | 4.426        | 112.42 | 4.740        | 120.40 | 4.000        | 101.60 |
| B79DYH      | 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 |
| B80DYH      | 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 |
| B81DYH      | 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 |
| B82DYH      | 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 |
| B83DYH      | 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 |
| B84DYH      | 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 |
| B85DYH      | 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 |
| B86DYH      | 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 |
| B87DYH      | 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 |
| B88DYH      | 88         | 4.350        | 110.49 | 4.450        | 113.03 | 4.640        | 117.86 | 4.926        | 125.12 | 5.240        | 133.10 | 4.500        | 114.30 |
| B89DYH      | 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 |
| B90DYH      | 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 |
| B91DYH      | 91         | 4.500        | 114.30 | 4.600        | 116.84 | 4.790        | 121.67 | 5.076        | 128.93 | 5.390        | 136.91 | 4.650        | 118.11 |
| B92DYH      | 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 |
| B93DYH      | 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 |
| B94DYH      | 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 |
| B95DYH      | 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 |
| B96DYH      | 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 |
| B97DYH      | 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 |
| B98DYH      | 98         | 4.850        | 123.19 | 4.950        | 125.73 | 5.140        | 130.56 | 5.426        | 137.82 | 5.740        | 145.80 | 5.000        | 127.00 |
| B99DYH      | 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 |
| B100DYH     | 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 |
| B101DYH     | 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 |
| B102DYH     | 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 |
| B103DYH     | 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 |
| B104DYH     | 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 |
| B105DYH     | 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 |
| B106DYH     | 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 |
| B107DYH     | 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 |
| B108DYH     | 108        | 5.350        | 135.89 | 5.450        | 138.43 | 5.640        | 143.26 | 5.926        | 150.52 | 6.240        | 158.50 | 5.500        | 139.70 |
| B109DYH     | 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 |
| B110DYH     | 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 |
| B111DYH     | 111        | 5.500        | 139.70 | 5.600        | 142.24 | 5.790        | 147.07 |              |        |              |        | 5.650        | 143.51 |
| B112DYH     | 112        | 5.550        | 140.97 | 5.650        | 143.51 | 5.840        | 148.34 |              |        |              |        | 5.700        | 144.78 |
| B113DYH     | 113        | 5.600        | 142.24 | 5.700        | 144.78 | 5.890        | 149.61 |              |        |              |        | 5.750        | 146.05 |
| B114DYH     | 114        | 5.650        | 143.51 | 5.750        | 146.05 | 5.940        | 150.88 |              |        |              |        | 5.800        | 147.32 |
| B115DYH     | 115        | 5.700        | 144.78 | 5.800        | 147.32 | 5.990        | 152.15 |              |        |              |        | 5.850        | 148.59 |
| B116DYH     | 116        | 5.750        | 146.05 | 5.850        | 148.59 | 6.040        | 153.42 |              |        |              |        | 5.900        | 149.86 |
| B117DYH     | 117        | 5.800        | 147.32 | 5.900        | 149.86 | 6.090        | 154.69 |              |        |              |        | 5.950        | 151.13 |
| B118DYH     | 118        | 5.850        | 148.59 | 5.950        | 151.13 | 6.140        | 155.96 |              |        |              |        | 6.000        | 152.40 |
| B119DYH     | 119        | 5.900        | 149.86 | 6.000        | 152.40 | 6.190        | 157.23 |              |        |              |        | 6.050        | 153.67 |
| B120DYH     | 120        | 5.950        | 151.13 | 6.050        | 153.67 | 6.240        | 158.50 |              |        |              |        | 6.100        | 154.94 |