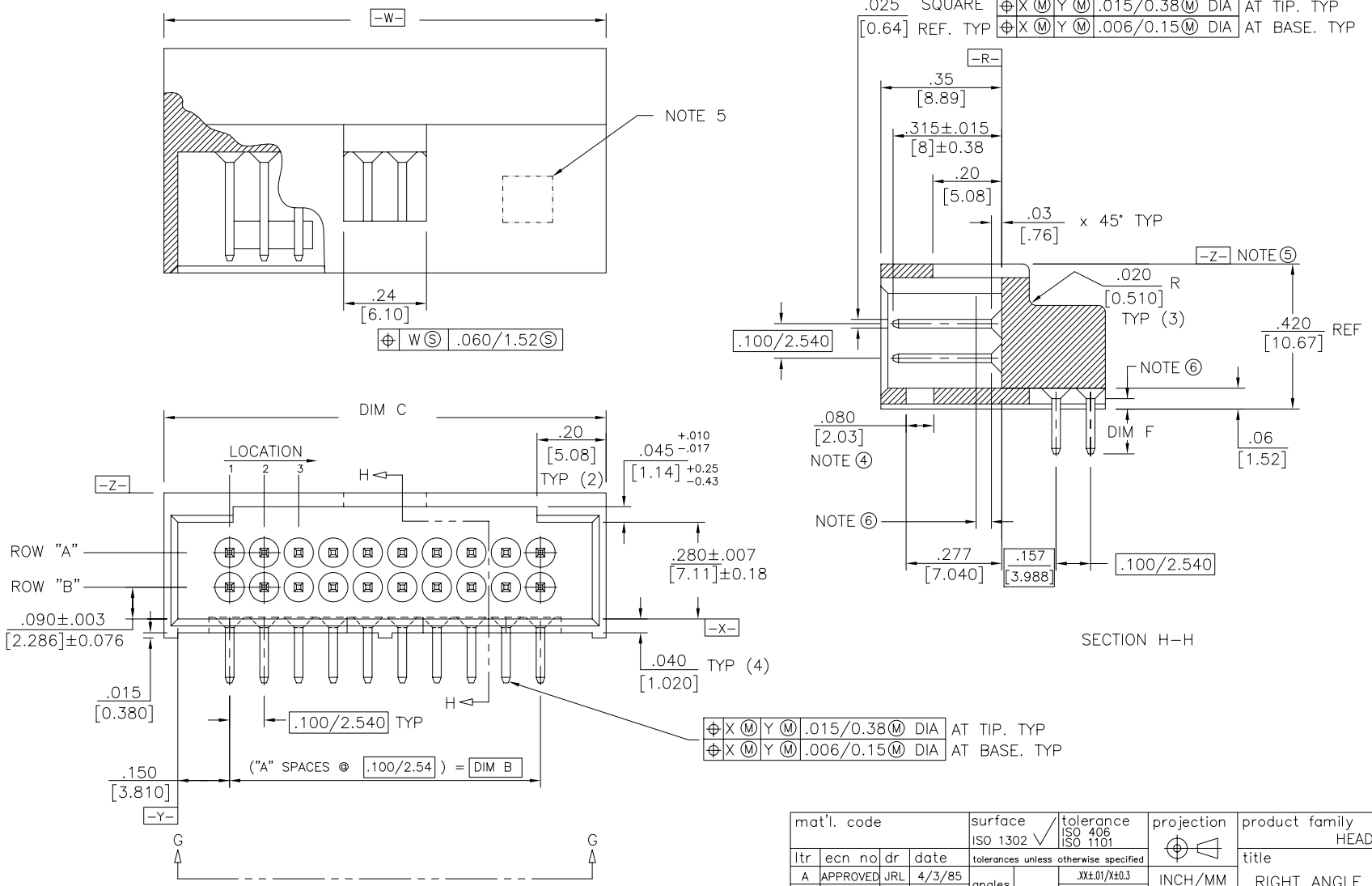
PRODUCT NUMBER

SEE TABLE



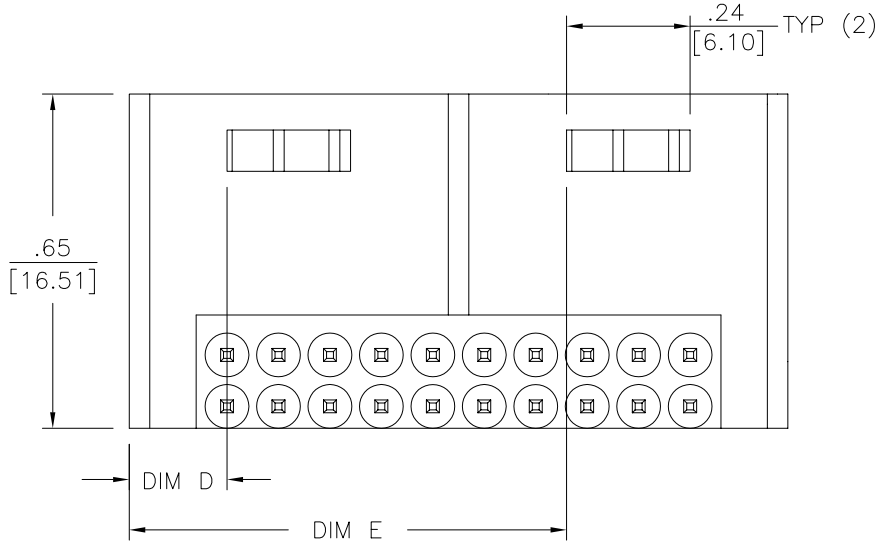

| mat'l. code | | | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family HEADERS |
|---|---|---|---|---|---|---|---|
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | title |
| A | APPROVED | JRL | 4/3/85 | angles | linear .XX±.01/X±0.3 | INCH/MM | RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE |
| B | ADD INF | EBY | 10/16/85 | | .XXX±.005/.XX±0.13 | | |
| C | M05-0204 | MHT | 11/09/05 | 0°±2° | .XXXX±.0020/.XXX±0.051 | scale 8:1 | |
| D | N07-0150 | MHT | 8/01/07 | dr | COPENHEAVED 7/10/84 | | dwg no 68645 sheet 1 of 4 size A3 |
| | | | | engr | P.M. SMITH 4/10/85 | | |
| | | | | chr | – – | | |
| | | | | appd | CA WILLIAMS 4/12/85 | | type Product Customer Drawing |

| sheet index | revision | D | D | D | D |
|---|---|---|---|---|---|
| | sheet | 1 | 2 | 3 | 4 |

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PDM: Rev:D STATUS:Released Printed: Dec 01, 2010

| PRODUCT NUMBER |
| --- |
| SEE TABLE |




VIEW G–G

NOTES:

1. TERMINAL MAT'L: 3/4 HARD PHOS. BRONZE ALLOY UNS–C51000.
2. PLATING; 0.76µ/30µ"Aµ OR GTX OVER 1.27µ/50µ"N1.
3. MOLDING MAT'L: GLASS FILLED POLYESTER. FLAME RETARDANT PER UL94V–0. COLOR BLACK
4. .02/0.51 MAX FLASH AROUND ALL WINDOWS.
5. FCI LOGO MOLDED IN ON DATUM SURFACE –Z– APPROXIMATELY AS SHOWN.
6. .03/.76 MAX FLASH PERMISSIBLE ON PINS BOTH ENDS.
7. PLATING OPTIONS:
   MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
8. OTHER PLATINGS ARE AVAILABLE ON 68420, 68646 AND 68647.
9. ADD "LF" AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

| mat'l. code | | | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family HEADERS |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | title |
| D | | | | angles 0°±2° | linear .XX±.01/X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051 | INCH/MM scale 8:1 | RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE |
| | | | | dr COPENHEAVED 7/10/84 | | | dwg no 68645 sheet 2 of 4 size A3 |
| | | | | engr P.M. SMITH 4/10/85 | | | |
| | | | | chr – – | | | |
| | | | | appd CA WILLIAMS 4/12/85 | | | type Product Customer Drawing |
| sheet index | revision sheet | | | | | | |

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PDM: Rev:D STATUS:Released Printed: Dec 01, 2010

| PRODUCT No. NOTE 9,10 | No. OF POS. | "A" SPACES | DIM B | DIM C | DIM D | DIM E | DIM F |
|---|---|---|---|---|---|---|---|
| 68645–001 | 6 | 2 | .200/5.080 | .500/12.700 | .150/3.810 | ——— | .130/3.300 |
| –002 | 8 | 3 | .300/7.620 | .600/15.240 | .150/3.810 | ——— | .130/3.300 |
| –003 | 10 | 4 | .400/10.160 | .700/17.780 | .250/6.350 | ——— | .130/3.300 |
| –004 | 12 | 5 | .500/12.700 | .800/20.320 | .250/6.350 | ——— | .130/3.300 |
| –005 | 14 | 6 | .600/15.240 | .900/22.860 | .350/8.890 | ——— | .130/3.300 |
| –006 | 16 | 7 | .700/17.780 | 1.000/25.400 | .350/8.890 | ——— | .130/3.300 |
| –007 | 18 | 8 | .800/20.320 | 1.100/27.940 | .450/11.430 | ——— | .130/3.300 |
| –008 | 20 | 9 | .900/22.860 | 1.200/30.480 | .150/3.810 | .850/21.590 | .130/3.300 |
| –009 | 22 | 10 | 1.000/25.400 | 1.300/33.020 | .150/3.810 | .950/24.130 | .130/3.300 |
| –010 | 24 | 11 | 1.100/27.940 | 1.400/35.560 | .150/3.810 | 1.050/26.670 | .130/3.300 |
| –011 | 26 | 12 | 1.200/30.480 | 1.500/38.100 | .150/3.810 | 1.150/29.210 | .130/3.300 |
| –012 | 28 | 13 | 1.300/33.020 | 1.600/40.640 | .150/3.810 | 1.250/31.750 | .130/3.300 |
| –013 | 30 | 14 | 1.400/35.560 | 1.700/43.180 | .150/3.810 | 1.350/34.290 | .130/3.300 |
| –014 | 32 | 15 | 1.500/38.100 | 1.800/45.720 | .150/3.810 | 1.450/36.830 | .130/3.300 |
| –015 | 34 | 16 | 1.600/40.640 | 1.900/48.260 | .150/3.810 | 1.550/39.370 | .130/3.300 |
| –016 | 36 | 17 | 1.700/43.180 | 2.000/50.800 | .150/3.810 | 1.650/41.910 | .130/3.300 |
| –017 | 38 | 18 | 1.800/45.720 | 2.100/53.340 | .150/3.810 | 1.750/44.450 | .130/3.300 |
| –018 | 40 | 19 | 1.900/48.260 | 2.200/55.880 | .150/3.810 | 1.850/46.990 | .130/3.300 |
| –019 | 42 | 20 | 2.000/50.800 | 2.300/58.420 | .150/3.810 | 1.950/49.530 | .130/3.300 |
| –020 | 44 | 21 | 2.100/53.340 | 2.400/60.960 | .150/3.810 | 2.050/52.070 | .130/3.300 |
| –021 | 46 | 22 | 2.200/55.880 | 2.500/63.500 | .150/3.810 | 2.150/54.610 | .130/3.300 |
| –022 | 48 | 23 | 2.300/58.420 | 2.600/66.040 | .150/3.810 | 2.250/57.150 | .130/3.300 |
| –023 | 50 | 24 | 2.400/60.960 | 2.700/68.580 | .150/3.810 | 2.350/59.690 | .130/3.300 |
| –024 | 52 | 25 | 2.500/63.500 | 2.800/71.120 | .150/3.810 | 2.450/62.230 | .130/3.300 |
| –025 | 54 | 26 | 2.600/66.040 | 2.900/73.660 | .150/3.810 | 2.550/64.770 | .130/3.300 |
| –026 | 56 | 27 | 2.700/68.580 | 3.000/76.200 | .150/3.810 | 2.650/67.310 | .130/3.300 |
| –027 | 58 | 28 | 2.800/71.120 | 3.100/78.740 | .150/3.810 | 2.750/69.850 | .130/3.300 |
| –028 | 60 | 29 | 2.900/73.660 | 3.200/81.280 | .150/3.810 | 2.850/72.390 | .130/3.300 |
| –029 | 62 | 30 | 3.000/76.200 | 3.300/83.820 | .150/3.810 | 2.950/74.930 | .130/3.300 |
| 68645–030 | 64 | 31 | 3.100/78.740 | 3.400/86.360 | .150/3.810 | 3.050/77.470 | .130/3.300 |

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| | | | |
|---|---|---|---|
| mat'l. code | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection |
| ltr ecn no dr date | tolerances unless otherwise specified | | |
| D | angles 0°±2° | linear .XX±.01/X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051 | INCH/MM |
| | | | scale 8:1 |
| dr | COPENHEAVED | 7/10/84 | |
| engr | P.M. SMITH | 4/10/85 | |
| chr | – | – | |
| appd | CA WILLIAMS | 4/12/85 | |

| | |
|---|---|
| product family | HEADERS |
| title | RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE |
| dwg no | 68645 |
| sheet | 3 of 4 |
| size | A3 |
| type | Product Customer Drawing |

sheet index | revision sheet

form: A3

PDM: Rev:D STATUS:Released Printed: Dec 01, 2010

| PRODUCT No. NOTE 9,10 | No. OF POS. | "A" SPACES | DIM B | DIM C | DIM D | DIM E | DIM F |
|---|---|---|---|---|---|---|---|
| 68645-031 | 66 | 32 | 3.200/81.280 | 3.500/88.900 | .150/3.810 | 3.150/80.010 | .130/3.300 |
| -032 | 68 | 33 | 3.300/83.820 | 3.600/91.440 | .150/3.810 | 3.250/82.550 | .130/3.300 |
| -033 | 70 | 34 | 3.400/86.360 | 3.700/93.980 | .150/3.810 | 3.350/85.090 | .130/3.300 |
| -034 | 72 | 35 | 3.500/88.900 | 3.800/96.520 | .150/3.810 | 3.450/87.630 | .130/3.300 |
| -035 | 16 | 7 | .700/17.780 | 1.000/25.400 | .350/8.890 | — | .155/3.940 |
| -036 | 40 | 19 | 1.900/48.260 | 2.200/55.880 | .150/3.810 | 1.850/46.990 | .155/3.940 |
| -037 | 50 | 24 | 2.400/60.960 | 2.700/68.580 | .150/3.810 | 2.350/59.690 | .155/3.940 |
| 68645-038 | I N A C T I V E | | | | | | |

| | | |
|---|---|---|
| mat'l. code | surface ISO 1302 | tolerance ISO 406 ISO 1101 |
| projection | product family HEADERS | |
| tolerances unless otherwise specified | angles 0°±2° | linear .XX±.01/X±0.3, .XXX±.005/.XX±0.13, .XXXX±.0020/.XXX±0.051 |
| INCH/MM | scale 8:1 | |
| title | RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE | |
| dr | COPENHEAVED | 7/10/84 |
| engr | P.M. SMITH | 4/10/85 |
| chr | – | – |
| appd | CA WILLIAMS | 4/12/85 |
| dwg no 68645 | sheet 4 of 4 | size A3 |
| type | Product Customer Drawing | |

| ltr | ecn no | dr | date |
|---|---|---|---|
| D | | | |

sheet index | revision sheet

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