



**SPECIFICATION**  
 Current Rating:1 Amp  
 Voltage Rating:250V AC RMS  
 Dielectric Withstanding Voltage:500V AC RMS 60Hz For 1 Minute  
 Insulation Resistance:1000 Megaohms Min. At 500V DC  
 Contact Resistance:30 Milliohms Max.  
 Retention Force:460 Grams Min. Per Contact  
 Insertion Force:250 Grams Max. Per Contact Pair  
 Withdrawal Force:15 Grams Min. Per Contact Pair  
 Temperature Range:-55°C~105°C  
 Insulator:LCP+G.F.  
 Contact:Phosphor Bronze  
 Gold Plated On Contact Area  
 Tin Plated On Solder Tails,Over Nickel  
 Or All Gold Plated On Contact

RoHS Compliant

| Pin | A     | B     | C     | Pin | A      | B      | C      |
|-----|-------|-------|-------|-----|--------|--------|--------|
| 4   | 8.64  | 3.81  | 1.27  | 62  | 45.47  | 40.64  | 38.10  |
| 6   | 9.91  | 5.08  | 2.54  | 64  | 46.74  | 41.91  | 39.37  |
| 8   | 11.18 | 6.35  | 3.81  | 66  | 48.01  | 43.18  | 40.64  |
| 10  | 12.45 | 7.62  | 5.08  | 68  | 49.28  | 44.45  | 41.91  |
| 12  | 13.72 | 8.89  | 6.35  | 70  | 50.55  | 45.72  | 43.18  |
| 14  | 14.99 | 10.16 | 7.62  | 72  | 51.82  | 46.99  | 44.45  |
| 16  | 16.26 | 11.43 | 8.89  | 74  | 53.09  | 48.26  | 45.72  |
| 18  | 17.53 | 12.70 | 10.16 | 76  | 54.36  | 49.53  | 46.99  |
| 20  | 18.80 | 13.97 | 11.43 | 78  | 55.63  | 50.80  | 48.26  |
| 22  | 20.07 | 15.24 | 12.70 | 80  | 56.90  | 52.07  | 49.53  |
| 24  | 21.34 | 16.51 | 13.97 | 82  | 58.17  | 53.34  | 50.80  |
| 26  | 22.61 | 17.78 | 15.24 | 84  | 59.44  | 54.61  | 52.07  |
| 28  | 23.88 | 19.05 | 16.51 | 86  | 60.71  | 55.88  | 53.34  |
| 30  | 25.15 | 20.32 | 17.78 | 88  | 61.98  | 57.15  | 54.61  |
| 32  | 26.42 | 21.59 | 19.05 | 90  | 63.25  | 58.42  | 55.88  |
| 34  | 27.69 | 22.86 | 20.32 | 92  | 64.52  | 59.69  | 57.15  |
| 36  | 28.96 | 24.13 | 21.59 | 94  | 65.79  | 60.96  | 58.42  |
| 38  | 30.23 | 25.40 | 22.86 | 96  | 67.06  | 62.23  | 59.69  |
| 40  | 31.50 | 26.67 | 24.13 | 98  | 68.33  | 63.50  | 60.96  |
| 42  | 32.77 | 27.94 | 25.40 | 100 | 69.60  | 64.77  | 62.23  |
| 44  | 34.04 | 29.21 | 26.67 | 120 | 82.30  | 77.47  | 74.93  |
| 46  | 35.31 | 30.48 | 27.94 | 130 | 88.65  | 83.82  | 81.28  |
| 48  | 36.58 | 31.75 | 29.21 | 140 | 95.00  | 90.17  | 87.63  |
| 50  | 37.85 | 33.02 | 30.48 | 150 | 101.35 | 96.52  | 93.98  |
| 52  | 39.12 | 34.29 | 31.75 | 160 | 107.70 | 102.87 | 100.33 |
| 54  | 40.39 | 35.56 | 33.02 | 170 | 114.05 | 109.22 | 106.68 |
| 56  | 41.66 | 36.83 | 34.29 | 180 | 120.40 | 115.57 | 113.03 |
| 58  | 42.93 | 38.10 | 35.56 | 190 | 126.75 | 121.92 | 119.38 |
| 60  | 44.20 | 39.37 | 36.83 | 200 | 133.10 | 128.27 | 125.73 |

Order Information

HE D xxx LP 03 BK

HE=L.27mm FEMALE EDGE SLOT  
 D=DIP STRAIGHT 180°  
 NO. OF PINS:04-200  
 Operating Temperature  
 LP=LCP + Phosphor Bronze  
 GF=1u" Glod Flash  
 03=3u" Glod  
 05=5u" Glod  
 10=10 u" Glod  
 15=15 u" Glod  
 A3=3u" All Glod  
 BK=Black  
 NC=Natural Color

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|                    |               |  |
|--------------------|---------------|--|
| <b>X ± 0.30</b>    | <b>APPD:</b>  | <b>PART NO:</b><br><br>HE D xxx LP 03 BK |
| <b>.X ± 0.20</b>   | <b>CHKD:</b>  |  |
| <b>.XX ± 0.10</b>  | <b>DR:</b>    |  |
| <b>.XXX ± 0.05</b> | <b>UNITS:</b> |  |
| <b>X' ± 1"</b>     | <b>SCALE:</b> | <b>DWG NO:</b>                           |
| <b>X" ± 0.5"</b>   | <b>mm</b>     | <b>1:1</b>                               |
|                    | <b>REV: A</b> |  |

| REV | ECN NO | DESCRIPTION | DATE |
|-----|--------|-------------|------|
|     |        |             |      |

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