

SPECIFICATIONS

Mechanical

Contact Retention Force: 1.36kg min.

Electrical

Current Rating: 3A Per Pin Min.

Dielectric Withstanding Voltage: 500V RMS

Insulation Resistance: 1000MW min.

Physical

Housing: Thermoplastic UL 94V-0 Rated In Black Color

Contact: Brass

Plating: See "ORDERING INFORMATION"

Operating Temperature: -10 to +85

SHROUDED Connector

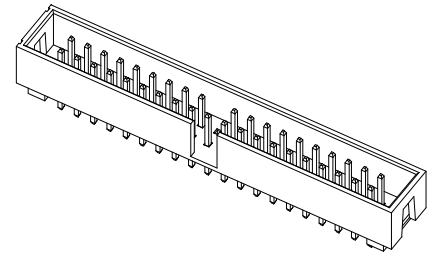
HL20 Series

Vertical, T/H Type

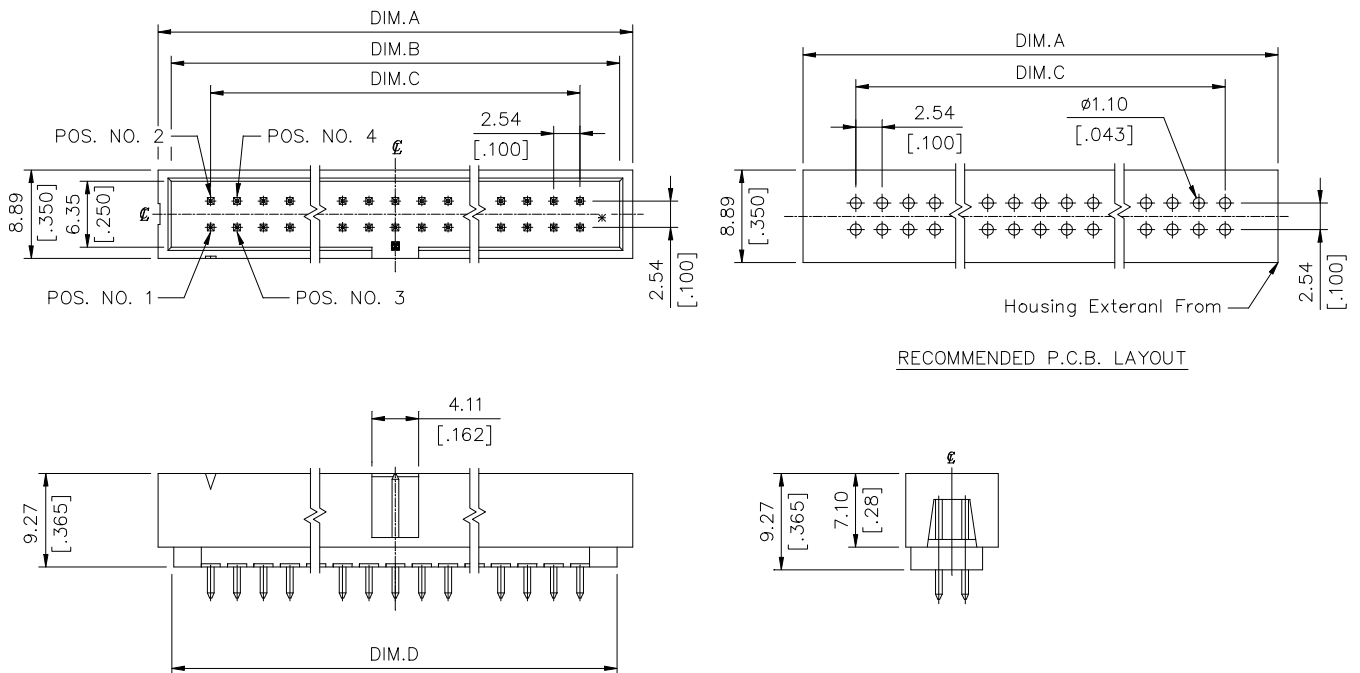
Plug

2.54mmX2.54mm

[.100] X [.100] Pitch



DRAWING



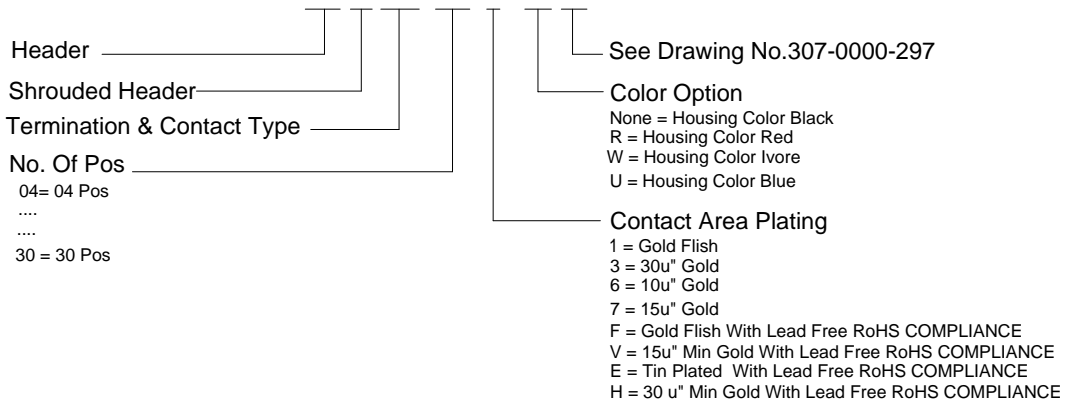
ORDERING INFORMATION

See The Attachment I

See The Attachment II

See The Attachment I :

PRODUCT NO.: HL20***-***



See The Attachment II :

| | | | | | |
|-------------|------|------------------|------------------|------------------|------------------|
| HL2030*-*** | 60 | 83.82 [3.303] | 81.28 [3.202] | 73.66 [2.902] | 80.77 [3.182] |
| HL2025*-*** | 50 | 71.12 [2.802] | 68.58 [2.702] | 60.96 [2.402] | 68.07 [2.682] |
| HL2022*-*** | 44 | 63.50 [2.502] | 50.96 [2.008] | 53.34 [2.102] | 60.45 [2.382] |
| HL2021*-*** | 42 | 60.96 [2.402] | 58.42 [2.302] | 50.80 [2.002] | 57.91 [2.282] |
| HL2020*-*** | 40 | 58.42 [2.302] | 55.88 [2.202] | 48.26 [1.901] | 55.37 [2.182] |
| HL2017*-*** | 34 | 50.80 [2.002] | 48.26 [1.901] | 40.64 [1.601] | 47.75 [1.881] |
| HL2015*-*** | 30 | 45.72 [1.801] | 43.18 [1.701] | 35.56 [1.401] | 42.67 [1.681] |
| HL2013*-*** | 26 | 40.64 [1.601] | 38.10 [1.501] | 30.48 [1.201] | 37.59 [1.481] |
| HL2010*-*** | 20 | 33.02 [1.301] | 30.48 [1.201] | 22.86 [.901] | 29.97 [1.181] |
| HL2009*-*** | 18 | 30.48 [1.201] | 27.94 [1.101] | 20.32 [.801] | 27.43 [1.081] |
| HL2008*-*** | 16 | 27.94 [1.101] | 25.40 [1.001] | 17.78 [.701] | 24.89 [.981] |
| HL2007*-*** | 14 | 25.40 [1.001] | 22.86 [.901] | 15.24 [.600] | 22.35 [.881] |
| HL2006*-*** | 12 | 22.86 [.901] | 20.32 [.801] | 12.07 [.476] | 19.81 [.781] |
| HL2005*-*** | 10 | 20.32 [.801] | 17.76 [.700] | 10.16 [.400] | 17.27 [.680] |
| HL2004*-*** | 08 | 17.78 [.701] | 10.16 [.400] | 7.62 [.300] | 14.73 [.580] |
| P/N | POS. | DIM. A | DIM. B | DIM. C | DIM. D |



H L NN NN N - (X) (XX) XN

(1)

(2)

| CODE | DESCRIPTION |
|------|---|
| NONE | STANDARD PRODUCT |
| D0 | 1st PIN IS REMOVED |
| D1 | LAST PIN IS REMOVED |
| D2 | 20th PIN IS REMOVED |
| D3 | 21th PIN IS REMOVED |
| D4 | 8th PIN IS REMOVED |
| D6 | 25th PIN IS REMOVED |
| D7 | 26th PIN IS REMOVED |
| D8 | 28th PIN IS REMOVED |
| D9 | 15th PIN IS REMOVED |
| E2 | 22th PIN IS REMOVED |
| E3 | 30th PIN IS REMOVED |
| E4 | 38th PIN IS REMOVED |
| P0 | 4th PIN IS REMOVED |
| P1 | 6th PIN IS REMOVED |
| P3 | 7th PIN IS REMOVED |
| P4 | 5th PIN IS REMOVED |
| P5 | 10th PIN IS REMOVED |
| P6 | 2nd PIN IS REMOVED |
| P7 | 3rd PIN IS REMOVED |
| P8 | 17th PIN IS REMOVED |
| P9 | 9th PIN IS REMOVED |
| L1 | 12th PIN IS REMOVED |
| L3 | 32th PIN IS REMOVED |
| L5 | 18th PIN IS REMOVED |
| L6 | 14th PIN IS REMOVED |
| L7 | 16th PIN IS REMOVED |
| L8 | 1st&2nd&3rd&4th&14th&15th &16th PIN IS REMOVED |
| L9 | 25th PIN IS REMOVED |
| T2 | 3rd,25th,26th PIN IS REMOVED |
| T3 | 8th & LAST PINS ARE REMOVED |
| T4 | 3rd,19th,20th&29th PINS ARE REMOVED |
| T5 | 8th & 9th PINS ARE REMOVED |
| T6 | 3rd & the last PINS ARE REMOVED |
| T7 | 8th & 19th PINS ARE REMOVED |
| T8 | 30th & 32th PINS ARE REMOVED |
| T9 | 25th,27th & 28th PINS ARE REMOVED |
| U0 | 3rd,5th,7th &9th PINS ARE REMOVED |
| U1 | 3rd & 5th PINS ARE REMOVED |
| U2 | 11th PIN IS REMOVED |
| U3 | 19th PIN IS REMOVED |
| U4 | 13th PIN IS REMOVED |
| U5 | 13th,15th &16th PIN IS REMOVED |

| CODE | DESCRIPTION |
|------|--------------------------------|
| NONE | STANDARD PRODUCT |
| U6 | 4th & 7th PINS ARE REMOVED |
| U7 | 8th & 13th PINS ARE REMOVED |
| U8 | 4th 5th & 6th PINS ARE REMOVED |
| U9 | 1st & 11 pins are removed. |

REMARK: (1) NONE: STANDARD PRODUCT
 (X): TO BE SPECIFIED ON CORREL. CUSTOMER DWG
 (2) NONE: STANDARD PRODUCT (COLOR BLACK)
 K: THE FIRST & LAST PAIRS OF TERMINALS
 ARE DEFORMED WITH KINKS
 W: HOUSING COLOR IVORY, PANTONE WARM GRAY 1C
 U: HOUSING COLOR BLUE, PANTONE2935C
 R: HOUSING COLOR RED, PANTONE 199C
 G: HOUSING COLOR GREEN, PANTONE 346U
 KW: THE FIRST & LAST PAIRS OF TERMINALS
 ARE DEFORMED WITH KINKS, HOUSING
 K3: THE FIRST & LAST PAIRS OF TERMINALS
 ARE DEFORMED WITH KINKS (SPECIAL MODIFICATION CODE)
 (3) FOR REMOVED PIN(S) LOCATED AT FIRST OR LAST PAIR,KINK
 POSITION(S) SHOULD BE CHANGED TO THE NEAREST PAIR