imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

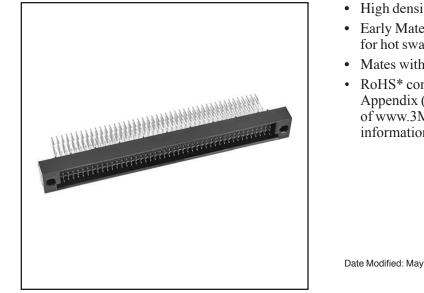
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M[™] HDC Header

.100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit





- High density, up to 240 contacts single bay
- Early Mate Late Break (EMLB) grounding contacts for hot swapping
- Mates with three-row and four-row sockets
- RoHS* compliant. See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: May 14, 2013

TS-1136-E Sheet 1 of 5

Physical

Insulation:

Material:	Glass Filled Thermoplastic (LCP)
Flammability:	UL 94V-0
Color:	Black
Contact:	
Material:	Copper Alloy
Plating:	
Underplating:	50 μ" [1.27 μm] min. Nickel
Wiping Area:	See Ordering Information
Termination Area:	See Ordering Information
Marking:	Part Number and Date Code

Electrical

Current Rating: 3.0 A **Insulation Resistance:** $1 \times 10^3 \text{ M} \Omega \text{ min. at } 500 \text{ V}_{DC}$ Withstanding Voltage: 900 V_{AC} for 1 minute

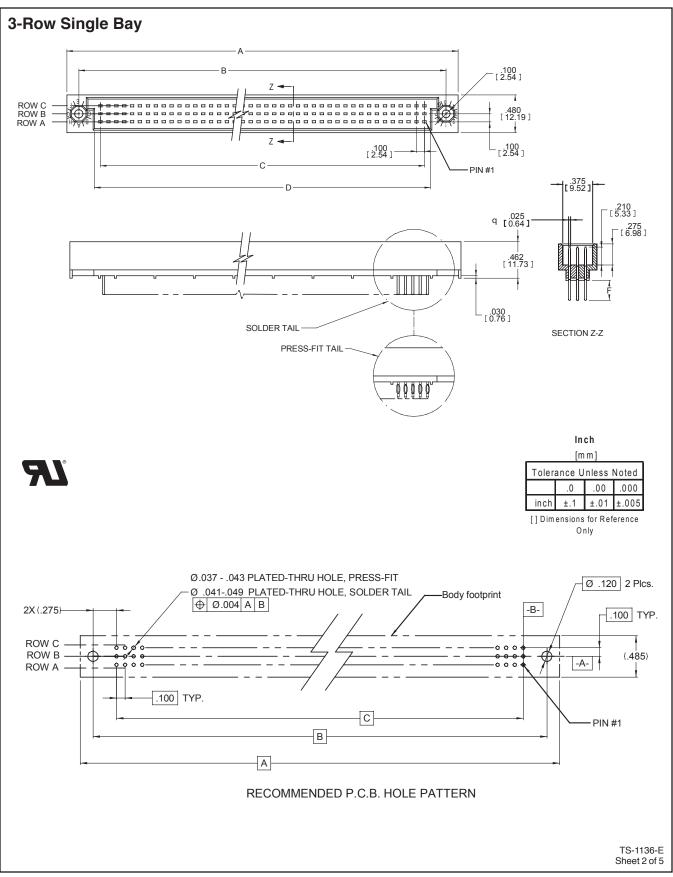
Environmental

Temperature Rating: -55°C to +105°C **Process Rating:** Maximum 260°C (per J-STD-020C) Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M[™] HDC Header

.100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit

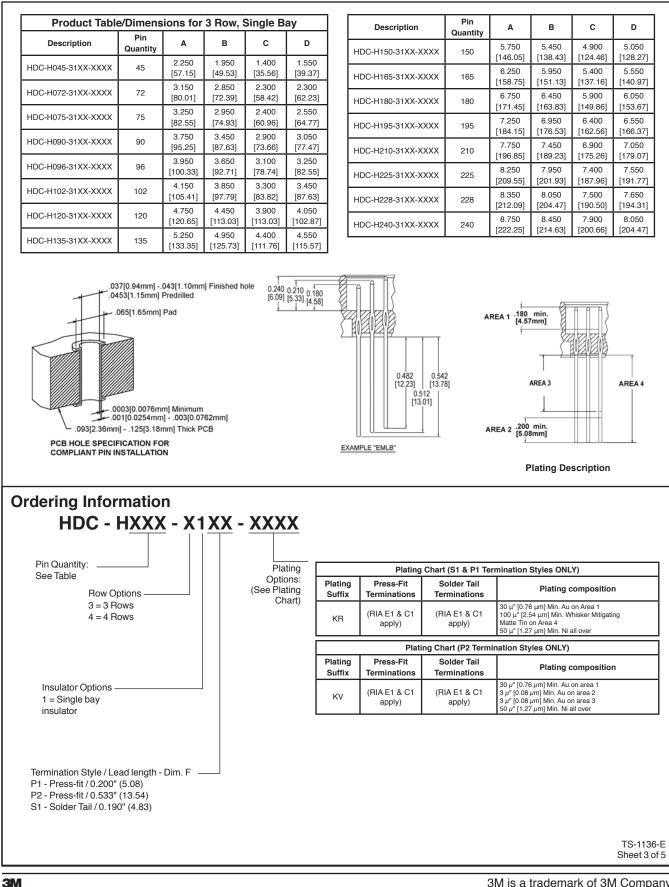


ЗМ

$3M^{TM}$ HDC Header

.100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit

HDC Series



Electronic Solutions Division Interconnect Solutions http://www.3Mconnectors.com

$3M^{\text{TM}}$ HDC Header

.100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit

4-Row Single Bay {0.085} .179-.182 X .310 र [4.54-4.62 × 7.87] ϕ [2.67] 2 Plos. Z 🛥 ROWD-ROWC-585 L(.120) [12,19] [14.86] RO W B RO W / ł Z+ .100 [2.54] TYP .100 [2.54] TYP. -□ .025 PIN # 1 .187 [4.75] .275 .462 [11.73] ł .210 .030 [.76] .112 [2.84] STAND OFFS .095 [2.41 025 PRESS-FIT TAIL SECTION Z-Z SOLDER TAIL Ø .041- .049 PLATED-THRU HOLE, SOLDER TAIL ⊕Ø.004 MA B Ø.037-.043 PLATED-THRU HOLE, PRESS-FIT Ø .120 TYP. 2X (.275)-BODY FOOTPRINT .050 o ROW D 000 (0.585) ROW C ROW B Ð 0 0 4 0 \sim ROW A 0.0 000 o .100 TYP -3X .100 С PIN #1 В (AI RECOMMENDED P.C.B. HOLE PATTERN TS-1136-E Sheet 4 of 5

3M[™] HDC Header .100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit

HDC Series

Description	Pin Quantity	A	В	с	D
HDC-H060-41XX-XXXX	60	2.250 [57.15]	1.950 [49.53]	1.400 [49.53]	1.550 [39.37
HDC-H076-41XX-XXXX	76	2.650 [67.31]	2.350 [59.69]	1.800 [45.72]	1.950 [49.53
HDC-H080-41XX-XXXX	80	2.750 [69.85]	2.450 [62.23]	1.900 [48.26]	1.900 [52.07
HDC-H100-41XX-XXXX	100	3.250 [82.55]	2.950 [74.93]	2.400 [60.96]	2.550 [60.96
HDC-H120-41XX-XXXX	120	3.750 [95.25]	3.450 [87.63]	2.900 [73.66]	3.050 [87.63
HDC-H128-41XX-XXXX	128	3.950 [100.33]	3.650 [92.71]	3.100 [78.74]	3.250 [82.55
HDC-H140-41XX-XXXX	140	4.250 [107.95]	3.950 [100.33]	3.400 [86.36]	3.550 [90.17
HDC-H160-41XX-XXXX	160	4.750 [120.65]	4.450 [113.03]	3.900 [99.06]	4.050
HDC-H168-41XX-XXXX	168	4.950 [125.73]	4.650 [118.11]	4.100 [104.14]	4.250 [107.9
HDC-H180-41XX-XXXX	180	5.250 [133.35]	4.950 [125.73]	4.400 [111.76]	4.550 [115.57
HDC-H200-41XX-XXXX	200	5.750 [146.05]	5.450 [138.43]	4.900 [124.46]	5.050 [128.2]
HDC-H216-41XX-XXXX	216	6.150 [156.21]	5.850 [148.59]	5.300 [134.62]	5.450 [138.43
HDC-H220-41XX-XXXX	220	6.250 [158.75]	5.950 [151.13]	5.400 [137.16]	5.550 [140.9]
HDC-H240-41XX-XXXX	240	6.750 [171.45]	6.450 [163.83]	5.900 [149.86]	6.050 [149.86
HDC-H260-41XX-XXXX	260	7.250 [184.15]	6.950 [176.53]	6.400 [162.56]	6.550 [166.3
HDC-H280-41XX-XXXX	280	7.750 [196.85]	7.450 [189.23]	6.900 [175.26]	7.050
HDC-H300-41XX-XXXX	300	8.250 [209.55]	7.950 [209.55]	7.400 [187.96]	7.550
HDC-H320-41XX-XXXX	320	8.750 [222.25]	8.450 [214.63]	7.900 [200.66]	8.050 [204.47

TS-1136-E Sheet 5 of 5

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