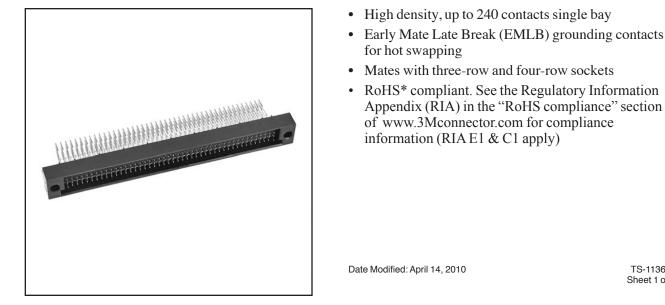
3M[™] HDC Header

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



TS-1136-D 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:** 1×10^3 M Ω min. at 500 V_{DC} Withstanding Voltage: 900 V_{AC} for 1 minute

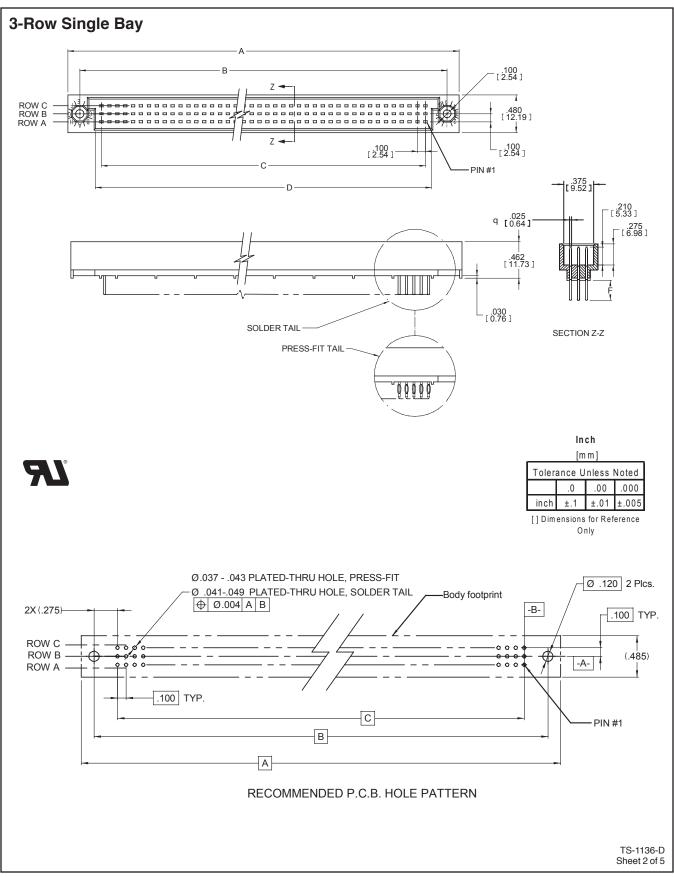
Environmental

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

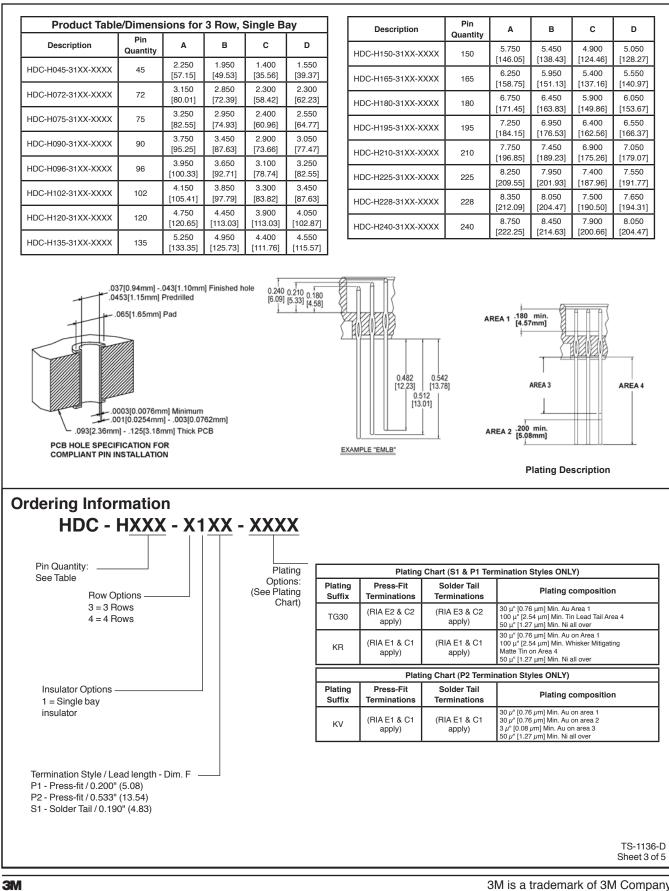
.100" Vertical Mount, PCB/Backplane, Solder Tail or Press-Fit



$3M^{TM}$ HDC Header

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

HDC Series



Electronic Solutions Division Interconnect Solutions http://www.3Mconnector.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 [.64] 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-D Sheet 4 of 5

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

HDC Series

Description	Pin	Δ	в	с	D
Description	Quantity	<u>^</u>	5	Ŭ	
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
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
HDC-H180-41XX-XXXX	180	5.250 [133.35]	4.950 [125.73]	4.400 [111.76]	4.550
HDC-H200-41XX-XXXX	200	5.750 [146.05]	5.450 [138.43]	4.900 [124.46]	5.050
HDC-H216-41XX-XXXX	216	6.150 [156.21]	5.850 [148.59]	5.300 [134.62]	5.450
HDC-H220-41XX-XXXX	220	6.250 [158.75]	5.950 [151.13]	5.400 [137.16]	5.550
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 [166.37
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-D Sheet 5 of 5

Important Notice

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