Chipsmall

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

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China
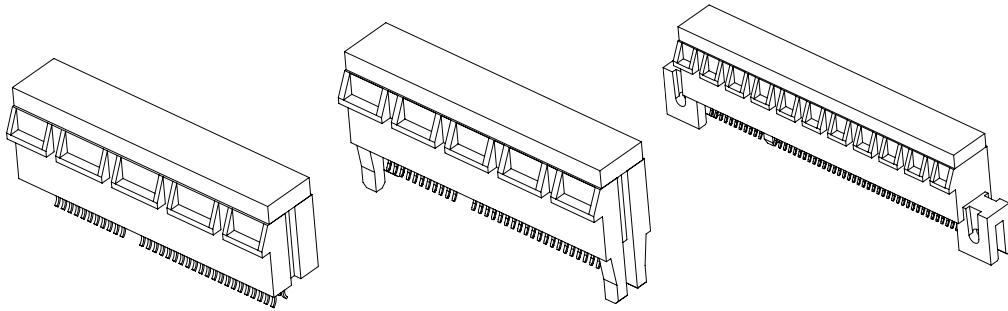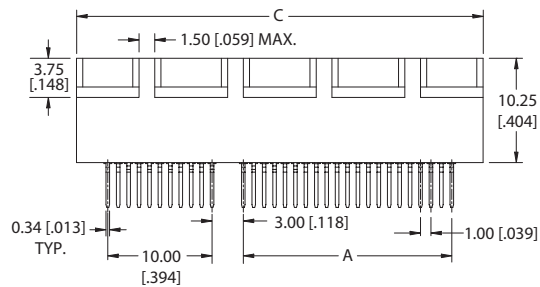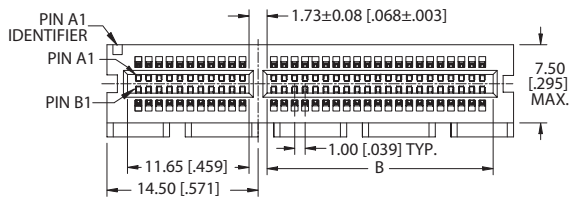
High Density Card Edge

1.00 mm [.039"] Contact Centers, PCI Express, Card Extender for Straddle Mount

SULLINS

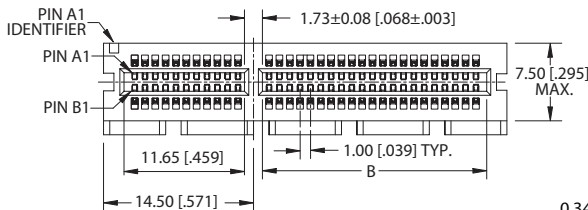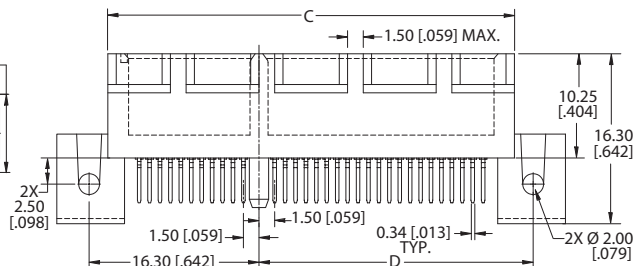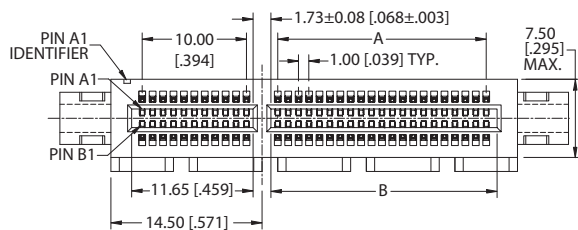## DIMENSIONS Dimensions in [ ] are in inches, all others are in millimeters.

STRADDLE MOUNT without PEGS
Example Part Number: GBE18DHRN-T941
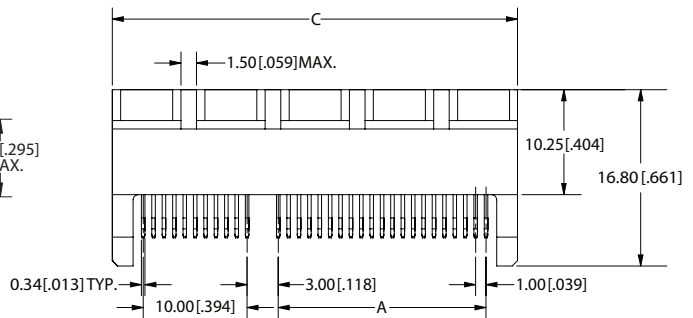
STRADDLE MOUNT with PEGS
Example Part Number: GBE18DHRN-T9410

STRADDLE MOUNT with CLIPS
Example Part Number: GBE18DHRQ-T941

POSITIONS/ CONTACTS	MILLIMETERS				INCHES			
	A	B	C	D	A	B	C	D
18/36	6.00	7.65	25.00	12.30	0.236	0.301	0.984	0.484
32/64	20.00	21.65	39.00	26.30	0.787	0.852	1.535	1.035
49/98	37.00	38.65	56.00	43.30	1.457	1.522	2.205	1.705
82/164	70.00	71.65	89.00	76.30	2.756	2.821	3.504	3.004

PART NUMBER OPTIONS

G B E 18 D HR N -T9 4 1 0

MATERIALS (INSULATOR/CONTACT)
G = Nylon/Phosphor Bronze

CONTACT FINISH - RoHS Compliant
All platings are Lead Free and have .000050" Nickel underplate

	Contact Surface	Termination
B =	.000010" Gold	.000100" Pure Tin, Matte
C =	.000030" Gold	.000100" Pure Tin, Matte
W =	Gold Flash	.000100" Pure Tin, Matte

CONTACT CENTERS
E = 1 mm [.039"]

NUMBER OF CONTACT POSITIONS
18, 32, 49, 82

READOUT
D = Dual

Operating & Processing Temperature: Consult Factory

MODIFICATION CODE
Omit '0' For Without Pegs ('N' or 'Q' Mounting)
0 = Pegs
(Available in 'N' Mounting Only)

COLOR
1 = Black

TAIL LENGTH
4 = 4.10 mm [.161"]

MOUNTING STYLE
N = No Mounting
Q = Straddle Mount with Clips
('Q' Only Available with T941 Modification)

TERMINATION TYPE
HR = Card Extender for Straddle Mount

SPECIFICATIONS

- All PCI Express parts meet the latest PCI Express specifications
- Supports 2.5 GT/s, 5.0 GT/s or 8.0 GT/s Data Transfer Rate (per pair data bandwidth)
- Accommodates 1.57 mm [.062"] PC board
- 1.1 Amp current rating per contact
- UL Flammability Rating: 94V-0

TERMINATION TYPE

5.10 [.201"]
3.75 [.148"]
3.75 [.148"] MAX.
0.80 [.031"]
4.10 [.161"]
1.20 [.047"]

CARD EXTENDER (HR)

READOUT

DUAL (D)

MOUNTING STYLE

6.80 [.268"]

8.60 [.339"]
2X 1.60 [.063"]
2X 1.80 [.071"]
2X 6.50 [.256"]
2X Ø 2.00 [.079"]

WITHOUT PEGS NO MOUNTING (N)

WITH PEGS ('N' Mounting Style with '0' Modification Code)

WITH CLIPS (Q)