

LOW PROFILE BOX HEADERS STRAIGHT PINS

.100" x .100" CENTERS



PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass filled thermoplastic rated UL 94V-0

COLOR: Blue

CONTACT MATERIAL: Phosphor bronze with 30μ inches min. gold over 50μ inches min. nickel plating

ELECTRICAL PROPERTIES

CURRENT RATING: 1 Amp

INSULATION RESISTANCE: >1 x 10⁹ Ohms @ 500 VDC

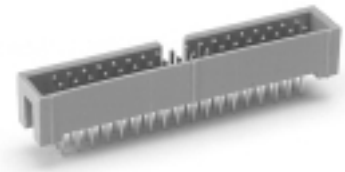
DIELECTRIC STRENGTH: >1000 VRMS @ sea level

ENVIRONMENTAL PROPERTIES

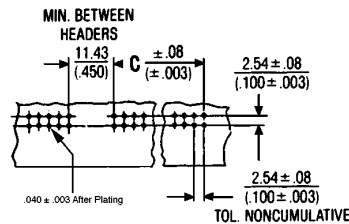
TEMPERATURE RATING: -55°C TO 125°C

MATING CONNECTORS

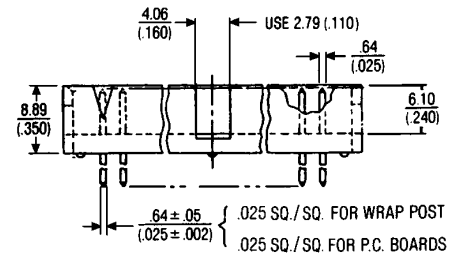
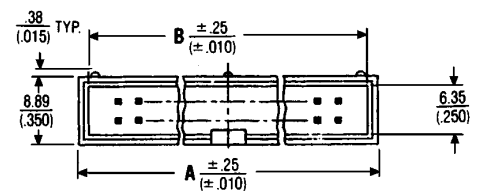
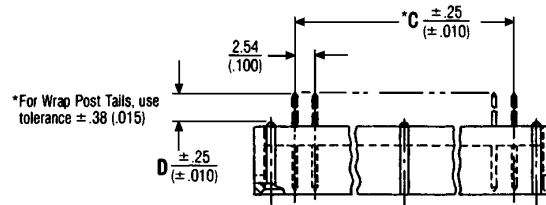
FEMALE SOCKETS: See pages 9-13



RECOMMENDED HOLE PATTERN



HOLE DIA. $\pm .08$ ($\pm .003$) AFTER PLATING	TYPE OF CONTACT
.89 (.035)	PCB Solder Tails
1.14 (.045)	Wrap Post Tails



Ordering Information

CATALOG NUMBERS			NO. OF POS.	DIMENSIONS IN MM (INCHES)		
2.59 (.102) FOR 1.57 (.062) P.C. BOARDS	4.19 (.165) FOR 3.18 (.125) P.C. BOARDS	15.49 (.610) WRAP POST TAILS		A	B	C
609-0627	609-0637	609-0657	6	15.24 (.600)	12.70 (.500)	5.80 (.200)
609-0827	609-0837	609-0857	8	17.78 (.700)	15.24 (.600)	7.62 (.300)
609-1027	609-1037	609-1057	10	20.32 (.800)	17.78 (.700)	10.16 (.400)
609-1227	609-1237	609-1257	12	22.86 (.900)	20.32 (.800)	17.70 (.500)
609-1427	609-1437	609-1457	14	25.40 (1.000)	22.86 (.900)	15.24 (.600)
609-1627	609-1637	609-1657	16	27.94 (1.100)	25.40 (1.000)	17.75 (.700)
609-2027	609-2037	609-2057	20	33.02 (1.300)	30.48 (1.200)	22.86 (.900)
609-2427	609-2437	609-2457	24	38.10 (1.500)	35.56 (1.400)	27.94 (1.100)
609-2627	609-2637	609-2657	26	40.64 (1.6001)	38.10 (1.5001)	30.48 (1.2001)
609-3027	609-3037	609-3057	30	45.72 (1.800)	43.18 (1.700)	35.56 (1.400)
609-3427	609-3437	609-3457	34	50.80 (2.000)	48.26 (1.900)	40.64 (1.600)
609-3627	609-3637	609-3657	36	53.34 (2.100)	50.80 (2.000)	43.18 (1.700)
609-4027	609-4037	609-4057	40	58.42 (2.300)	55.88 (2.200)	48.26 (1.900)
609-4427	609-4437	609-4457	44	63.50 (2.500)	60.96 (2.400)	53.34 (2.100)
609-5027	609-5037	609-5057	50	71.12 (2.800)	68.58 (2.700)	60.96 (2.400)
609-5627	609-5637	609-5657	56	78.74 (3.100)	76.20 (3.000)	68.58 (2.700)
609-6027	609-6037	609-6057	60	83.82 (3.300)	81.28 (3.200)	73.66 (2.900)
609-6427	609-6437	609-6457	64	88.90 (3.500)	86.36 (3.400)	78.74 (3.100)