

SURFACE ATTACHED MODULE STRADDLE MOUNTED SAM FEMALE CONNECTORS 30-160 POSITIONS WITH INTEGRAL PCB RETENTION FEATURE



PHYSICAL PROPERTIES

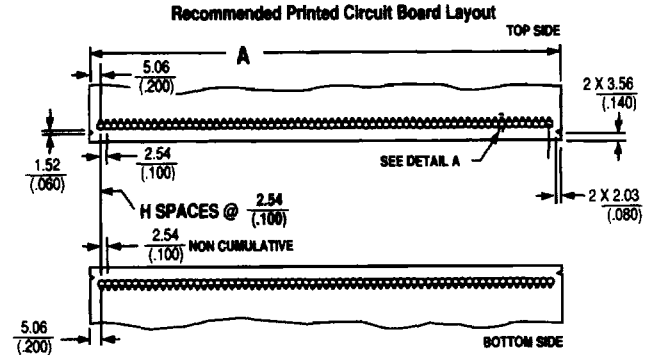
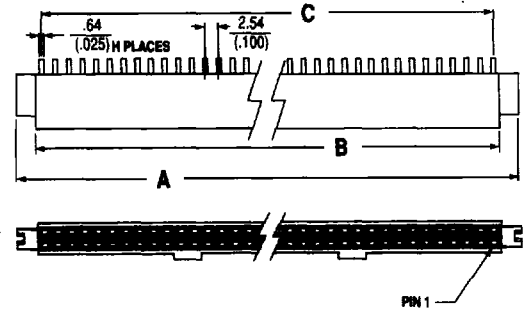
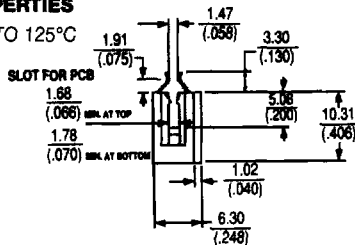
INSULATION MATERIAL: Glass filled thermoplastic rated UL 94V-0
COLOR: Black
CONTACTS: Copper alloy, nickel plate overall, 30 microinches gold finish in contact zone, tin/lead on solder tails

ELECTRICAL PROPERTIES

CURRENT RATING: 1 Amp
INSULATION RESISTANCE: >1 x 10⁹ Ohms
DIELECTRIC STRENGTH: > 1000 VDC at sea level

ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -55°C TO 125°C



Ordering Information

HC POSITION	PART NUMBER	30 POS	40 POS	50 POS	60 POS
20	SAM020S-011-2	37.08 (1.460)	30.48 (1.200)	22.86 (.900)	9
30	SAM030S-011-2	49.78 (1.960)	43.18 (1.700)	35.56 (1.400)	14
34	SAM034S-011-2	54.86 (2.160)	48.26 (1.900)	40.64 (1.600)	16
40	SAM040S-011-2	62.48 (2.460)	55.88 (2.200)	48.26 (1.900)	19
44	SAM044S-011-2	67.56 (2.660)	60.96 (2.400)	53.34 (2.100)	21
50	SAM050S-011-2	75.18 (2.960)	68.58 (2.700)	60.96 (2.400)	24
56	SAM056S-011-2	82.80 (3.260)	76.20 (3.000)	68.58 (2.700)	27
60	SAM060S-011-2	87.88 (3.460)	81.28 (3.200)	73.66 (2.900)	29
64	SAM064S-011-2	92.96 (3.660)	86.36 (3.400)	78.74 (3.100)	31
72	SAM072S-011-2	103.12 (4.060)	96.52 (3.800)	88.90 (3.500)	35
80	SAM080S-011-2	113.28 (4.460)	106.68 (4.200)	99.06 (3.900)	39
86	SAM086S-011-2	120.90 (4.760)	114.30 (4.500)	106.68 (4.200)	42
100	SAM100S-011-2	138.68 (5.460)	132.08 (5.200)	124.46 (4.900)	49
110	SAM110S-011-2	151.38 (5.960)	144.78 (5.700)	140.66 (5.400)	54
120	SAM120S-011-2	164.08 (6.460)	157.48 (6.200)	149.86 (5.900)	59
130	SAM130S-011-2	176.78 (6.960)	170.18 (6.700)	162.56 (6.400)	64
140	SAM140S-011-2	189.48 (7.460)	182.88 (7.200)	175.26 (6.900)	69
150	SAM150S-011-2	202.18 (7.960)	195.58 (7.700)	187.96 (7.400)	74
156	SAM156S-011-2	209.80 (8.260)	203.20 (8.000)	195.58 (7.700)	77
160	SAM160S-011-2	214.88 (8.460)	208.28 (8.200)	200.66 (7.900)	79

