



Note 1: "L" Dimension

DIMENSION(mm)

CONTACTS	A	B	C	D
10	32.00	21.84	10.16	17.90
14	37.08	26.92	15.24	22.98
16	39.62	29.46	17.78	25.52
20	44.70	34.54	22.86	30.60
24	49.80	39.62	27.94	35.68
26	52.30	42.16	30.48	38.22
30	57.40	47.24	35.56	43.30
34	62.50	52.32	40.64	48.38
40	70.10	59.94	48.26	56.00
50	82.80	72.64	60.96	68.70
60	95.50	85.34	73.66	81.40
64	100.60	90.42	78.74	86.48

HOW TO ORDER:

B 1 1 1 - X X 2 X - 1 1 X - Z

NUMBER OF CONTACTS:
10 thru 64

EJECTOR LATCH HEIGHT:
0 - LONG EJECTOR LATCH FOR IDC W/ STRAIN RELIEF
1 - SHORT EJECTOR LATCH FOR IDC W/OUT STRAIN RELIEF
2 - NO EJECTOR LATCH

COLOR:
1 - BLACK

PLATING OVERALL:

- 0 - FULL TIN
- 1 - FULL Au
- 3 - 10u" Au
- 4 - 15u" Au
- 5 - 30u" Au

SELECTIVE PLATING:

- 6 - Au CONTACT AREA/TIN TAIL
- 7 - 10u" Au CONTACT AREA/TIN TAIL
- 8 - 15u" Au CONTACT AREA/TIN TAIL
- 9 - 30u" Au CONTACT AREA/TIN TAIL

RoHS COMPLIANT

DEFINITION:
2 - RIGHT ANGLE

ELECTRICAL:

CURRENT: 3A
CONTACT RESISTANCE: < 20mΩ max.
INSULATOR RESISTANCE: > 1000MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 1000VAC FOR 1 MIN.
OPERATING TEMPERATURE: -55° C TO +105° C

MATERIAL:

INSULATOR: THERMOPLASTIC, UL94V-0
CONTACT: COPPER ALLOY
CONTACT FINISH: GOLD OVER NICKEL

Rev	Issued	Drawn	Checked	Approved	Date
0	Issued	S.E.	S.M.	S.M.	2/1/96
A	Revised for RoHS Compliance	WHS	S.M.	S.M.	10/16/06
B	Revised Latch Dimensions	B.S.	S.M.	S.M.	03/21/19

SMP TECHNOLOGY, INC.
BOX HEADER w/ EJECTOR, 2.54mm PITCH, RIGHT ANGLE

SCALE: N/A

TOL. DEC. .X +/- 0.30 .XX +/- 0.20 .XXX +/- 0.10 ANGLE +/- 1° UNIT: mm

SERIES: B 111 - XX 2 X - 11 X - Z