



DIMENSION(mm)

CONTACTS	A	B	B'	C	D	E
10	10.16	47.00	32.00	18.16	21.84	27.94
14	15.24	52.20	37.10	23.24	26.92	33.02
16	17.78	54.60	39.60	25.78	29.46	35.56
20	22.86	59.70	44.70	30.86	34.54	40.64
26	30.48	67.30	52.30	38.48	42.16	48.26
30	35.56	72.40	57.50	43.56	47.24	53.34
34	40.64	77.50	62.50	48.64	52.32	58.42
40	48.26	85.10	70.10	56.26	59.94	66.04
50	60.96	97.80	82.80	68.96	72.64	78.74
60	73.66	110.50	95.50	81.66	85.34	91.44
64	78.74	115.60	100.60	86.74	90.42	96.52

HOW TO ORDER:

D 0 5 5 - X X X 0 - X X X - Z

NUMBER OF CONTACTS:
10 thru 64

ACCESSORIES:
6 - W/ MOUNTING EARS
W/ LONG EJECTOR LATCH
7 - W/ MOUNTING EARS
W/ SHORT EJECTOR LATCH
8 - W/OUT MOUNTING EARS
W/ LONG EJECTOR LATCH
9 - W/OUT MOUNTING EARS
W/ SHORT EJECTOR LATCH

COLOR:
1 - BLACK
2 - GREY

CONTACT MATERIAL:
1 - BRASS
2 - PHOSPHOR BRONZE

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

ELECTRICAL:

CURRENT: 1A
CONTACT RESISTANCE: < 30m Ω
INSULATOR RESISTANCE: > 1000M Ω
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.
OPERATING TEMPERATURE: -40° C TO +105° C

MATERIAL:

INSULATOR: PBT (UL94V-0)
CONTACT: OPTIONAL BRASS OR PHOSPHOR BRONZE

Rev	Drawn	Checked	Approved	Date
0	S.E.	S.M.	S.M.	1/15/97
A	B.S.	S.M.	S.M.	6/30/08

SMP TECHNOLOGY, INC.

IDC Connector, 2.54mm Pitch, BOX HEADER

DRAWING No. D055

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- 0.15 ANGLE +/- UNIT: mm/in

P/N: D055-XXXX-XXX-Z