



**DIMENSION(mm)**

CONTACTS	A	B	B'	C
10	10.16	36.50	21.10	18.03
14	15.24	41.90	26.30	23.11
16	17.78	44.10	28.70	25.65
20	22.86	49.20	33.80	30.73
24	27.94	54.60	39.10	35.81
26	30.48	56.80	41.40	38.35
30	35.56	61.90	46.50	43.43
34	40.64	67.00	51.50	48.51
40	48.26	74.60	59.20	56.13
50	60.96	87.30	71.90	68.83
60	73.66	100.00	84.60	81.53
64	78.74	105.00	90.00	86.61

**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

**HOW TO ORDER:**

**D 0 5 4 - X X X 0 - X X X - Z**

**NUMBER OF CONTACTS:**

10 thru 64

**ACCESSORIES:**

- 6 - W/ MOUNTING EARS
- 8 - W/OUT MOUNTING EARS

**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**

Rev	Drawn	Checked	Approved	Date
0 Issued	S.E.	S.M.	S.M.	1/15/97
A Revised for RoHS Compliance	B.S.	S.M.	S.M.	6/30/08

**SMP TECHNOLOGY, INC.**

IDC Connector, 2.54mm Pitch, BOX HEADER

DRAWING No. D054

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

P/N: D054-XXXX-XXX-Z