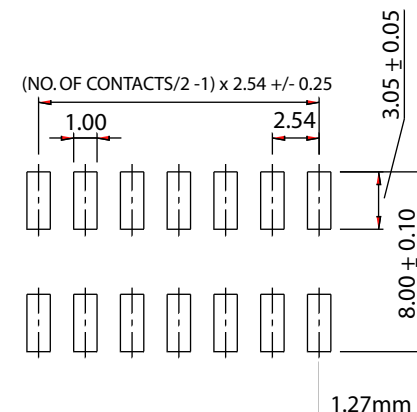
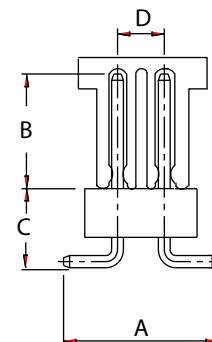
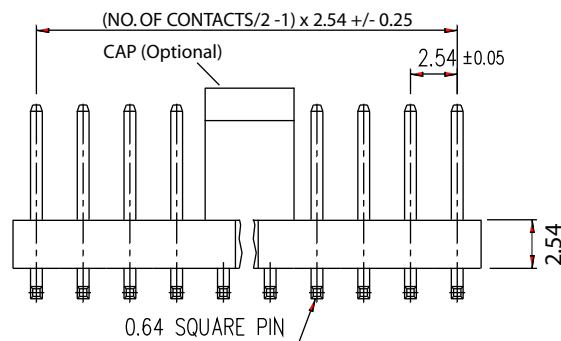
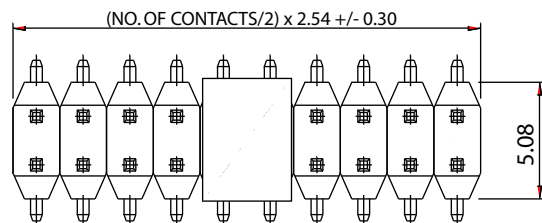


DIMENSION NUMBER	A	B	C	D
0500	7.40	6.10	3.30	2.54
0503	7.49	5.84	3.50	2.54
0504	7.90	5.84	3.89	2.54
0505	7.62	6.00	3.18	2.54
0507	7.2	5.80	2.60	2.54
0508	7.2	4.70	2.60	2.54
0509	7.2	8.08	3.81	2.54
0510	6.99	6.10	3.56	2.54
0511	7.5	6.00	3.30	2.54



ELECTRICAL:

CURRENT RATING: 1 AMP
CONTACT RESISTANCE: 20 MilliOhms Max
INSULATOR RESISTANCE: 5000 MegaOhms
DIELECTRIC WITHSTANDING: AC 500V
OPERATING TEMPERATURE: -40° C TO +105° C
MAX PROCESSING TEMPERATURE: 230°C for 30-60 Seconds
(260°C for 10 Seconds)

MATERIAL:

INSULATOR: NYLON 6T & 30% GF (UL94V-0)
CONTACT MATERIAL: COPPER ALLOY
CONTACT PLATING: OPTIONAL GOLD OR TIN OVER NICKEL
(GOLD THICKNESS OPTIONAL)

MECHANICAL:

RETENTION FORCE: 750g MIN.

HOW TO ORDER:

H **A** **1** **2** - **X** **X** **X** **X** - **X** **X** **X** **X** - **Z**

INSULATOR THICKNESS:
1 - 2.54 mm

DIMENSION NUMBER:
SEE DIMENSION TABLE ABOVE

NUMBER OF CONTACTS:
01 thru 98
A0=100

PLATING OVERALL:
0 - FULL TIN
1 - FULL Au FLASH
3 - 10u" Au
4 - 15u" Au
5 - 30u" Au

RoHS COMPLIANT

PACKAGING:
1 - W/out CAP In Tube
2 - With CAP In Tube
3 - With CAP In Tape & Reel

SELECTIVE PLATING:
6 - Au FLASH CONTACT AREA/ MATTE TIN TAIL
7 - 10u" Au CONTACT AREA/ MATTE TIN TAIL
8 - 15u" Au CONTACT AREA/ MATTE TIN TAIL
9 - 30u" Au CONTACT AREA/ MATTE TIN TAIL

NUMBER OF ROWS:
2 - Double Row without Post

Rev	Drawn	Checked	Approved	Date
0	S.E.	S.M.	S.M.	10/1/97
A	D.H.	S.M.	S.M.	7/20/04
B	B.S.	S.M.	S.M.	2/5/08

DRAWING No. HA-1

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

SMP TECHNOLOGY, INC.

Pin Header, 2.54mm Pitch, Surface Mount, without Mounting Post

SERIES: HA12-XXXX-XXXX-Z

Pg: 1