

w/out LOCATOR PEGS DIMENSION (mm)

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
* 0506	7.2	5.80	2.60	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

* = 1.5 mm Insulator Thickness
All others 2.54mm Insulator Thickness

w/ LOCATOR PEGS DIMENSION (mm)

DIMENSION NUMBER	A	B	C	D
1500	7.40	6.10	3.30	2.54
1503	7.49	5.84	3.50	2.54
1504	7.90	5.84	3.89	2.54
1505	7.62	6.00	3.18	2.54

ELECTRICAL:

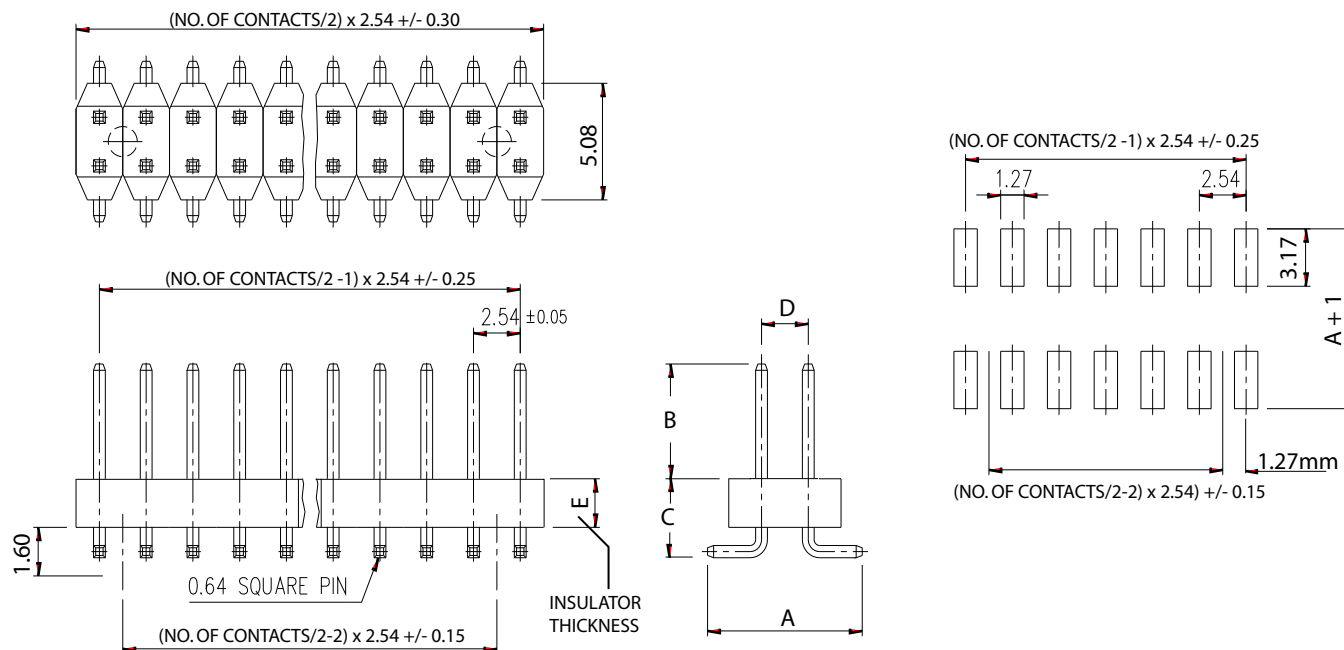
CURRENT RATING: 1 AMP
CONTACT RESISTANCE: 20 MilliOhms Max
INSULATOR RESISTANCE: 5000 MegaOhms
DIELECTRIC WITHSTANDING: AC 500V
OPERATING TEMPERATURE: -40° C TO +105° C
MAX PROCESSING TEMPERATURE: 230°C for 30-60 Seconds
(260°C for 10 Seconds)

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** **X** **2** - **X** **X** **X** **X** - **X** **X** **X** **X** - **Z**

INSULATOR THICKNESS:
1 - 2.54 mm (E)
2 - 1.50 mm (E)

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 Tape & Reel

SELECTIVE PLATING:
6 - Au FLASH 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

NUMBER OF ROWS:
2 - Double Row w/out Post

Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	S.E.	S.M.	S.M.	10/1/97	
A	Updated	D.H.	S.M.	S.M.	6/04/04	
B	Updated Table Added 0509 Dimension	B.S.	S.M.	S.M.	2/5/08	
						Pin Header, Surface Mount, 2.54mm Pitch
DRAWING No. HA-1						SERIES: HAX2-XXXX-XXXX-Z
TOL. DEC. X +/- 0.35 XX +/- 0.25 XXX +/- ANGLE +/- UNIT: mm						
						Pg: 1