

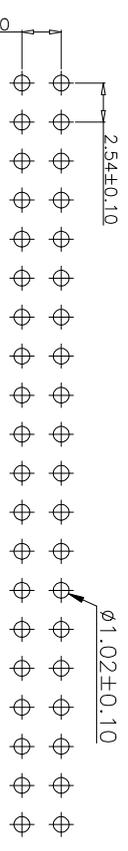
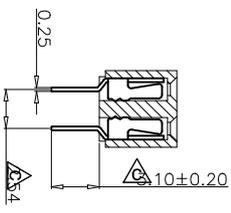
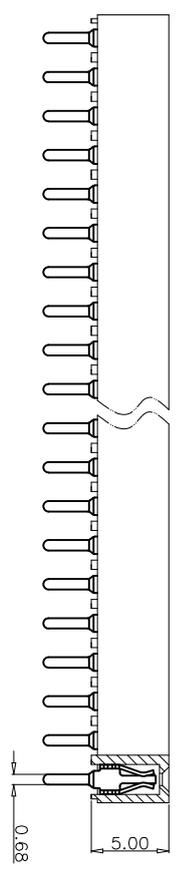
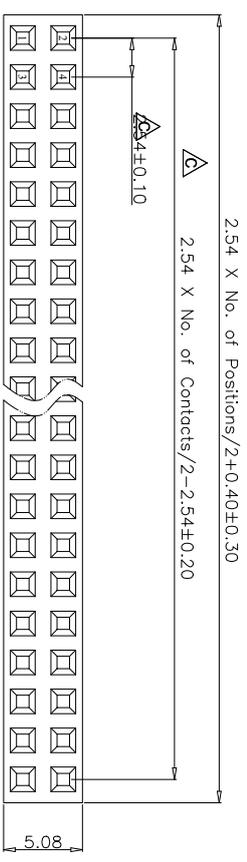
REVISION DATA				
SYM	ECN	DESCRIPTION	DATE	APPROVED

Technical Data

Material:
 Contact material: Phosphor Bronze
 Contact plating: Sn 120µm Over 50µm Ni
 Insulator material: Black Polyester UL94V-0
 Standard: PBT+30%G.F

Electrical:
 Current rating: 3Amps/contact max.
 Contact resistance: ≤20mΩ/contact
 Insulation resistance: ≥1000MΩ at V=100V
 Withstanding voltage: 500V AC/minute

Mechanical:
 Lead size accepted: 0.64mm SQ
 Average insertion force: <200g
 Average withdrawal force: >30g min.
 Mechanical life cycle: 200 min.
 Operating temperatures: Gold plated: -55°C to +105°C
 plated: -40°C to +105°C
 Critical dimensions : 



Recommended P.C.B Hole Layout

FHA2	50	0	U	XX	X	X	A	01
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High Option 50=5.0mm	No. of Positions 04 to 80	Plating Option A Au3µ" B Au5µ" C Au10µ" D GF/120µ" H Sn120µ" S Special	Insulator Material Option A BK-PBT B BK-PA66 C BK-PA6T D BK-PA46 F BK-LCP S Special	Lead Style 01~99
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natconn 深圳市纳特康电子有限公司
 SHENZHEN NATCONN ELECTRONIC CO.,LTD

PROJECTION		TITLE: 2.54*2.54 Female Header Dual
DATE	05-14-09*	Straight H=5.0mm
DRAWN	Xie yanhua	PART NO: FHA2500-UXXXXAA01
CHECKED		DRAWING NO: NP-FHA2500UA01
APPROVED		REV: B UNIT: mm SCALE: 2:1 SIZE: A4

TOLERANCE: ANGLE ±5°
 X.XXX ±0.05
 X.XX ±0.15
 X.X ±0.25
 X. ±0.50

A B C D

4 3 2 1

A B C D