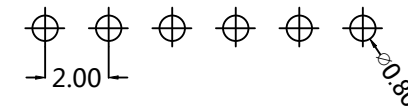




Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE ± 0.05)



PART NUMBER CODING

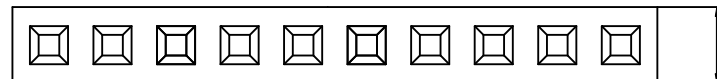
FHES22- 1 XX XX X U X 1

No.of Pins
01-40P

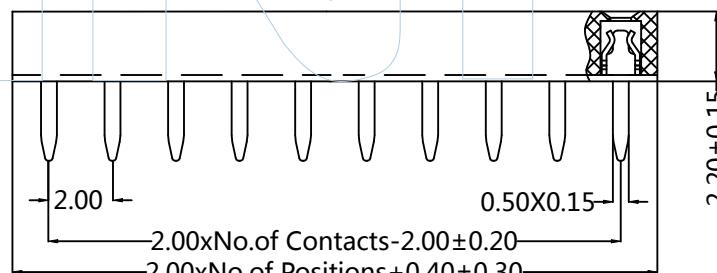
Contact Plating
G0:Gold Flash
G1:3U*Gold
G2:5U*Gold
G3:10U*Gold
G4:15U*Gold
G5:20U*Gold
G6:30U*Gold
S0:Gold Flash/Tin
S1:3U*Gold/Tin
S2:5U*Gold/Tin
S3:10U*Gold/Tin
S4:15U*Gold/Tin
S5:20U*Gold/Tin
S6:30U*Gold/Tin
SN:Tin

Insulator
Material/Colour
A:PBT /Black
B:PA9T/Black
C:PA6T/Black

Packing
B=PE Bag
T=Tube



2.00 ± 0.15



2.00

0.50X0.15

2.00xNo.of Contacts-2.00 ± 0.20

2.00xNo.of Positions+0.40 ± 0.30

2.20 ± 0.15

2.40 ± 0.25



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PART NO: FHES22-1XXXXXUX1

TITLE: FH2.00mm Single Female 180° H=2.2mm

NOTES:

Current Rating:2.0AMP
Contact Resistance:20m Ω Max
Insulation Resistance:1000M Ω Min
Withstand Voltage:500V AC/Minute
Operation Temperature:-40°C to +105°C

MATERIAL:

Contact Material:Brass
Contact Plating:Au or Sn over Ni
Insulator Material:PBT/PA9T/PA6T+30%GF
(UL94V-0)

UNLESS OTHERWISE
SPECIFIED DIMENSIONS
ARE IN METRIC
TOLERANCES ARE:
DECIMALS Angle
X.X: ± 0.40 $\pm 3^\circ$
X.XX: ± 0.25
X.XXX: ± 0.15

SCALE	1:1
UNIT	MM
PROJ.	
SHEET	

REV	DATE	MODIFICATION DESCRIPTION	DRAW	CHANGE	APPROVE
A0	2021/07/26	NEW	GF.He		Andy