Pro Components

Lead Free
Pb
RoHS Compliant

Recommended P.C. Board SMD Layout

0.4 + 2.0 X No. of Positions ± 0.3

ø1.2
2.0
0.85
4.5
9.1

2.0 X No. of Contacts - 4.0 ± 0.20
2.0 X No. of Contacts - 2.0 ± 0.25
Pin 0.6X0.2
2.0 ±0.05
5 ±0.15
1.9
1.5
ø1.0

5.1 ±0.1
8.3±0.25
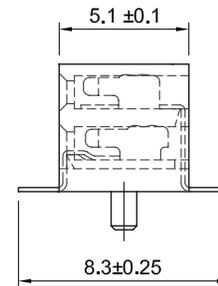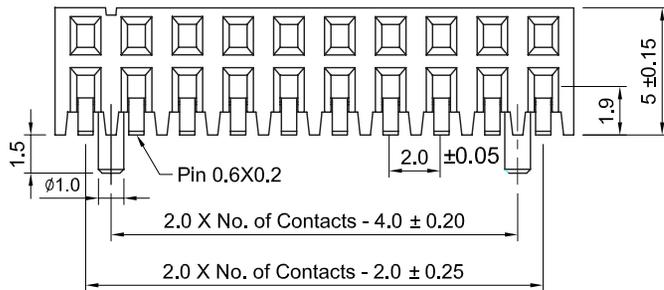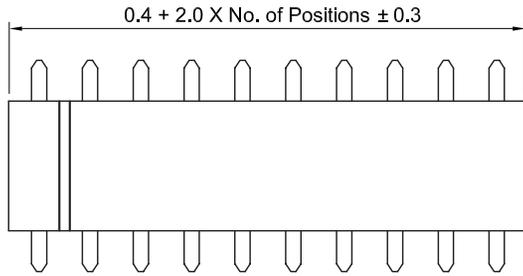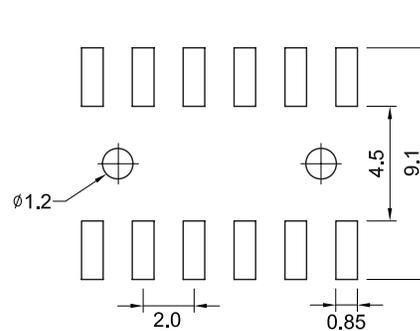
Specifications

Current Rating: 2 Amps
Insulator Resistance: 1000 Megohms min.
Contact Resistance: 20 m ohms max.
Dielectric Withstanding: AC 500V
Operating Temperature : -40°C ~ +125°C
Contact Material: Phosphor Bronze
Insulator Material: Polyester, UL 94V-0, Nylon-6T
Contact Plated: See Option / Standard = Full Gold Flash

Part Numbering System

FH2C-HD-505183 - XX - X X X X N

Series
No. of Pins
Post Option:
Nil = w/o Alignment Pin
A = with Alignment Pin

Contact Plating:
Cap Option:
Nil = No Cap
F = Film
M = Metal
P = Plastic

Packing Method:
B = Tube
T = Tape & Reel

Insulator Material:
N = High Temperature Nylon-6T

* Contact Plating Option	Full Gold Plating	Gold Plated On Contact Area Tin Plated on Solder Area	Full Tin Plating
	G : Gold Flash G10: Gold 10u'' G15: Gold 15u'' G30: Gold 30u''	S: Gold Flash S10: Gold 10u'' S15:Gold 15u'' S30: Gold 30u''	T: Tin 100u''

General Tolerance	
X. ± 0.50	X.˚ ± 5˚
.X ± 0.20	.X˚ ± 2˚
.XX ± 0.10	.XX˚ ± 1˚
Units : mm	