

RoHS Compliant



Specifications:

Material And Finish:

Insulator:PBT UL94V-0

Rating:

Current Rating:3.0A AC/DC(AWG#22)

Voltage Rating:100V AC/DC

Operating Temperature Range:-55~+85°C

Electrical:

Contact resistance:Initial value 10mOhm Max.

After environmental tests 15mOhm Max.

Insulation resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

Applicable wire:AWG#26 to #22

0.13 to 0.33 mm²

Insulation O.D/1.4 to 1.7 mm

Waterproof grade:

Grade 7 ingress protection of JIS C0920

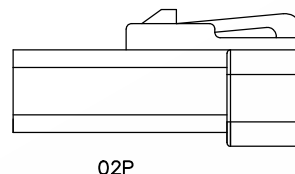
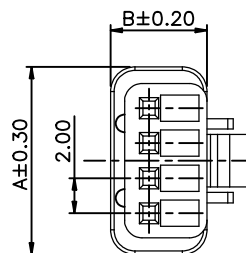
(IPX7 of IEC 60529)

Ordering Information

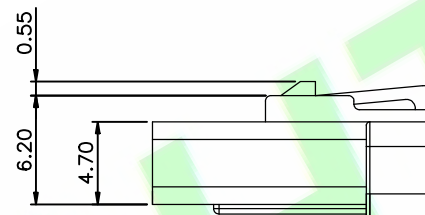
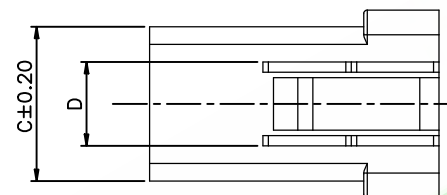
H2012-XXP-F-XA

1 2 3 4 5

- 1: — Series No.
2: — No. of Positions
3: — F:Female
4: — Color:
N:Natural
B:Black
5: — A:Bag



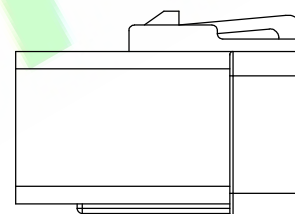
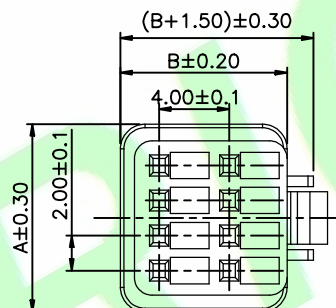
02P



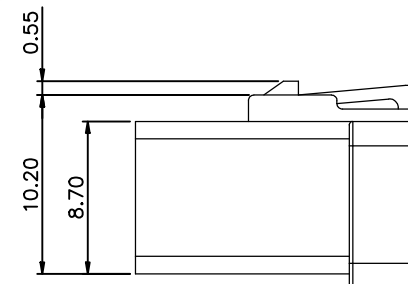
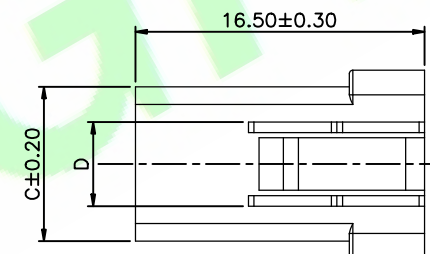
03P/04P

02/03/04 PIN SINGLE ROW

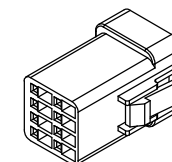
Circuits	Dimensions			
	A	B	C	D
02	6.70	5.50	4.70	5.50
03	8.70	5.50	6.70	5.00
04	10.70	5.50	8.70	5.00



06P



08P



06/08 PIN DUAL ROW

Circuits	Dimensions			
	A	B	C	D
06	8.70	9.50	6.70	5.00
08	10.70	9.50	8.70	5.00

4X	Added 2PIN diagram	Judyyan	20241021
3X	New size control	Judyyan	20240127
2X	Add color code options	Judyyan	20220720
1X	ORIGINAL	Sophia	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Sophia	GENERAL TOLERANCE:		PART NO : H2012-XXP-F-XA
CHKD.: Tony	LINEAR	ANGLES	DWG. NO.:
	X.: ±0.30	X': ±5.0°	
APPD.: Billy	X.X: ±0.20	X.X': ±3.0°	TITLE : 2.0mm Pitch Housing
	X.XX: ±0.15	X.XX': ±2.0°	
	X.XXX: ±0.10	X.XXX': ±1.0°	DATE: 27-Feb-2020

HJBRIGHT® 東莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4