

**Specifications:****Material And Finish:**

Insulator:LCP UL94V-0

Contact:PHOSPHOR BRONZE

Plated:See Ordering Information

**Rating:**

Current Rating:2A per pin(2pins powered)

Voltage Rating:175VAC(5mm Stack Height)

Operating Temperature Range:-55°~+125°C

**Electrical:**

Contact resistance:15m Ohm Max

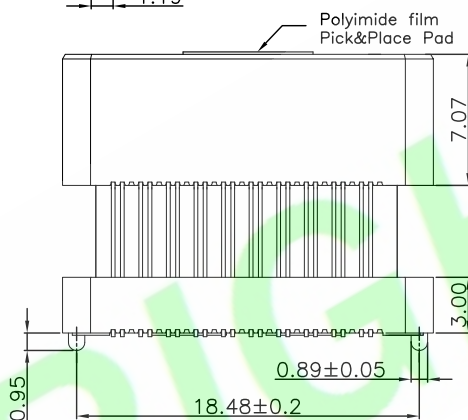
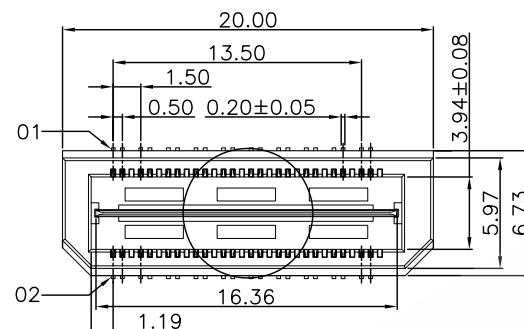
Insulator resistance:5000M ohm min.

Withstanding Voltage:525V AC/Minute

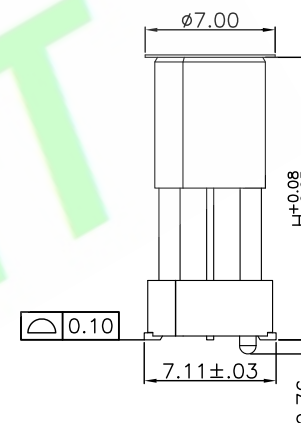
**Ordering Information****C0504MM-20H-XXXX-CF**

1 2 3 4 5 6 7

- 1: — Series No.  
 2: — M:Male  
 3: — M:SMT Type  
 4: — No. of Positions  
 5: — H:Gold flash on contact,  
 Matte tin on tail  
 6: — XXXX:Height Code  
 1027:H=10.27mm  
 1326:H=13.26mm  
 1525:H=15.25mm  
 1826:H=18.26mm  
 2424:H=24.24mm  
 7: — F:Polyimide film In Tape&Reel



Recommended PCB Layout  
 unmarked tolerance:±0.05



|      |             |        |          |         |                    |               |                                                        |  |                                                                                  |  |                                                                                       |    |
|------|-------------|--------|----------|---------|--------------------|---------------|--------------------------------------------------------|--|----------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|----|
| 5X   |             |        |          | DR.BY.: | GENERAL TOLERANCE: |               | PART NO : C0504MM-20H-XXXX-CF                          |  | <div>HJBRIGHT東莞市華晶電子有限公司</div> <div>BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED</div> |  |                                                                                       |    |
| 4X   |             |        |          | Samson  | LINEAR             | ANGLES        | DWG. NO.:                                              |  |                                                                                  |  |                                                                                       |    |
| 3X   |             |        |          | CHKD.:  | x.: ±0.30          | x': ±5.0°     | TITLE : 0.50mm Differential pairs<br>Terminal Assembly |  | SHEET: 1/1                                                                       |  |  | A4 |
| 2X   |             |        |          | Tony    | x.x: ±0.20         | x.x': ±3.0°   |                                                        |  | SCALE: 1:1                                                                       |  |                                                                                       |    |
| 1X   | ORIGINAL    | Samson |          | APPD.:  | x.xx: ±0.15        | x.xx': ±2.0°  | DATE: 03-Dec-2017                                      |  | UNIT: mm                                                                         |  |                                                                                       |    |
| REV. | DESCRIPTION | DR.BY  | ECN. NO. | Billy   | x.xxx: ±0.10       | x.xxx': ±1.0° |                                                        |  |                                                                                  |  |                                                                                       |    |