

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-12-10 |
|           |            |                              |                 |            |

# Ordering Information:

HDGC3969HE-XP - \*\* - \*\*  
1 2 3

1:Part No.

2:Material:

OR-Orange=18 AWG(UL94V-2)  
YL-Yellow=20 AWG(UL94V-2)  
RD-Red=22AWG(UL94V-2)  
WH-White=24 AWG (UL94V-2)  
BL-Blue=26 AWG(UL94V-2)  
BK-18-Black=18AWG(UL94V-0)  
BK-20-Black=20AWG(UL94V-0)  
BK-22-Black=22AWG(UL94V-0)  
BK-24-Black=24AWG(UL94V-0)  
BK-26-Black=26AWG(UL94V-0)

3:Plating Code:

(Blank)-Phosphor bronze/Tin over Nickel,Ni:30~50u"(0.76~1.27um)

GP-Phosphor bronze/Gold over Nickel,

Au:1u"(0.0254um) MIN,Ni:30~50u"(0.76~1.27um)

(Optional Gold plating available but MOQ requested)

G15-Phosphor bronze/Gold over Nickel,

Au:15u"(0.38um) MIN,Ni:30~50u"(0.76~1.27um)

(Optional Gold plating available but MOQ requested)

G30-Phosphor bronze/Gold over Nickel,

Au:30u"(0.76um) MIN,Ni:30~50u"(0.76~1.27um)

(Optional Gold plating available but MOQ requested)

# SPECIFICATIONS:

Current Rating: 7A AC,DC

Voltage Rating: 600V AC,DC

Temperature Range: -25°C ~ +85°C

Contact Resistance: 10mΩ Max.

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: 1500V AC/minute

Housing Material: Nylon66, UL 94V-2 or UL 94V-0

Terminal Material: Phosphor bronze/Tin over Nickel

# Ordering Information & Dimensions

| Circuits | Dimensions(mm) |       | Circuits | Dimensions(mm) |       |
|----------|----------------|-------|----------|----------------|-------|
|          | A              | B     |          | A              | B     |
| 2P       | 3.96           | 7.92  | 14P      | 51.48          | 55.44 |
| 3P       | 7.92           | 11.88 | 15P      | 55.44          | 59.40 |
| 4P       | 11.88          | 15.84 | 16P      | 59.40          | 63.36 |
| 5P       | 15.84          | 19.80 | 17P      | 63.36          | 67.32 |
| 6P       | 19.80          | 23.76 | 18P      | 67.32          | 71.28 |
| 7P       | 23.76          | 27.72 | 19P      | 71.28          | 75.24 |
| 8P       | 27.72          | 31.68 | 20P      | 75.24          | 79.20 |
| 9P       | 31.68          | 35.64 | 21P      | 79.20          | 83.16 |
| 10P      | 35.64          | 39.60 | 22P      | 83.16          | 87.12 |
| 11P      | 39.60          | 43.56 | 23P      | 87.12          | 91.08 |
| 12P      | 43.56          | 47.52 | 24P      | 91.08          | 95.04 |
| 13P      | 47.52          | 51.48 |          |                |       |



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| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |            |  |      | TITLE: 3.96mm IDC<br>产品名称: Closed End Type |       |      |             |
|-----------------------------------------------------|-------|------------|---------------------------------------------------------------------------------------|------|--------------------------------------------|-------|------|-------------|
| X.X                                                 | ±0.30 | X.X° ±3°   | APPD:<br>核准:                                                                          | XIE  | PART NO: HDGC3969HE-XP<br>产品编号:            |       |      |             |
| X.XX                                                | ±0.30 | X.XX° ±2°  | CHECK:<br>校对:                                                                         | WANG | DATE                                       | SCALE | UNIT | CODE NUMBER |
| X.XXX                                               | ±0.10 | X.XXX° ±1° | DRAW:<br>绘图:                                                                          | WANG | 2013-12-10                                 | 3:1   | mm   | A008        |