



P.C.B LAYOUT

**MATERIALS AND FINISH**

**SHELL:** STEEL MATERIAL, FRONT SHELL NICKEL FINISHED  
 BACK SHELL NICKEL FINISHED  
 DIMPLES ON PLUG ONLY

**INSULATOR:** PBT THERMOPLASTIC, 30% GLASS FILLED,  
 UL 94V-0 RATED, BLACK COLOR

**SIGNAL CONTACT:** COPPER ALLOY, FULL GOLD FLASH  
**HIGH POWER CONTACT:** COPPER ALLOY, FULL GOLD FLASH

**ELECTRICAL CHARACTERISTICS**

HIGH POWER CONTACT CURRENT RATING : 40 A  
 HIGH POWER CONTACT RESISTANCE : 1.0 mΩ MAX.  
 SIGNAL CONTACT CURRENT RATING : 5.0 A  
 SIGNAL CONTACT RESISTANCE : 10 mΩ MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V AC FOR 1 MINUTE  
 INSULATION RESISTANCE : 5GΩ MIN.  
 TEMPERATURE RATING : -55°C ~ +125°C

2014/05/21

Singatron Enterprise Co., Ltd.

| TOLERANCES |       |
|------------|-------|
| X.         | ±0.40 |
| .X         | ±0.30 |
| .XX        | ±0.20 |
| .XXX       | ±0.10 |
| X°.        | ± 5°  |

|       |                           |          |                   |               |
|-------|---------------------------|----------|-------------------|---------------|
| TITLE | 13 Pin male 90° Connector |          |                   |               |
| DWN   | YU                        | PART NO. | 2DSR4000-13W3MNB2 |               |
| CHKD  | HUA                       | SCALE    | 1:1               | UNIT: mm      |
| APVD  | JORDAN                    | SIZE:    | A3                | SHEET: 1 OF 1 |
|       |                           | REV:     | A                 |               |

CUSTOMER COPY