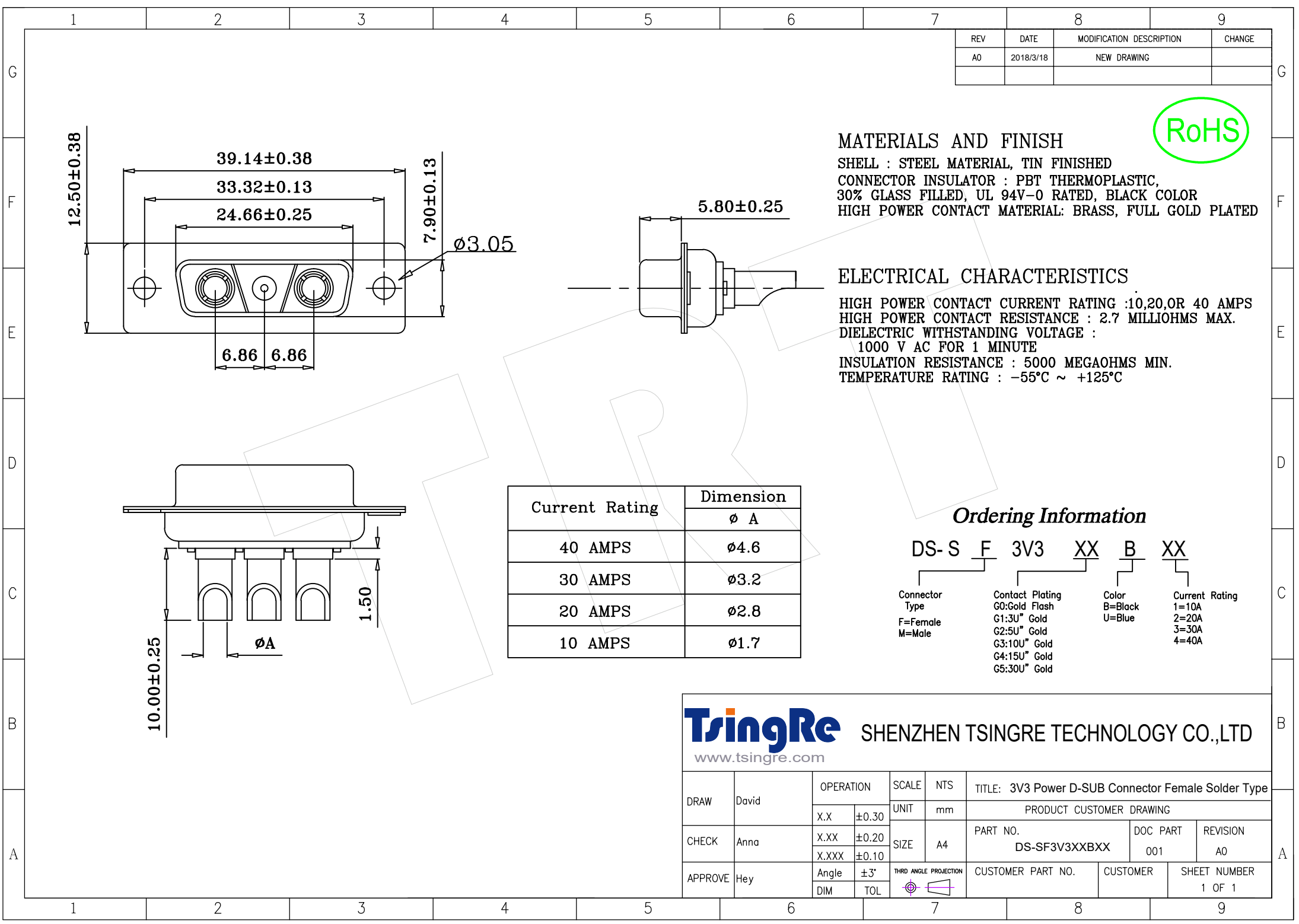




| REV | DATE      | MODIFICATION DESCRIPTION | CHANGE |
|-----|-----------|--------------------------|--------|
| A0  | 2018/3/18 | NEW DRAWING              |        |
|     |           |                          |        |



MATERIALS AND FINISH

SHELL : STEEL MATERIAL, TIN FINISHED  
CONNECTOR INSULATOR : PBT THERMOPLASTIC,  
30% GLASS FILLED, UL 94V-0 RATED, BLACK COLOR  
HIGH POWER CONTACT MATERIAL: BRASS, FULL GOLD PLATED

ELECTRICAL CHARACTERISTICS

HIGH POWER CONTACT CURRENT RATING :10,20,OR 40 AMPS  
HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.  
DIELECTRIC WITHSTANDING VOLTAGE :  
1000 V AC FOR 1 MINUTE  
INSULATION RESISTANCE : 5000 MEGAOHMS MIN.  
TEMPERATURE RATING : -55°C ~ +125°C

| Current Rating | Dimension |
|----------------|-----------|
|                | Ø A       |
| 40 AMPS        | Ø4.6      |
| 30 AMPS        | Ø3.2      |
| 20 AMPS        | Ø2.8      |
| 10 AMPS        | Ø1.7      |

Ordering Information

|                    |                                                                                             |                   |                                  |        |    |
|--------------------|---------------------------------------------------------------------------------------------|-------------------|----------------------------------|--------|----|
| DS- S              | F                                                                                           | 3V3               | XX                               | B      | XX |
| Connector<br>Type  | Contact Plating                                                                             | Color             | Current                          | Rating |    |
| F=Female<br>M=Male | G0:Gold Flash<br>G1:3U" Gold<br>G2:5U" Gold<br>G3:10U" Gold<br>G4:15U" Gold<br>G5:30U" Gold | B=Black<br>U=Blue | 1=10A<br>2=20A<br>3=30A<br>4=40A |        |    |

|                                                                                                                  |       |           |       |                        |                                                                                       |                                                     |                 |                        |
|------------------------------------------------------------------------------------------------------------------|-------|-----------|-------|------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|------------------------|
| <div><div><div>TsingRe</div><div>www.tsingre.com</div></div><div>SHENZHEN TSINGRE TECHNOLOGY CO.,LTD</div></div> |       |           |       |                        |                                                                                       |                                                     |                 |                        |
| DRAW                                                                                                             | David | OPERATION |       | SCALE                  | NTS                                                                                   | TITLE: 3V3 Power D-SUB Connector Female Solder Type |                 |                        |
|                                                                                                                  |       | X.X       | ±0.30 | UNIT                   | mm                                                                                    | PRODUCT CUSTOMER DRAWING                            |                 |                        |
| CHECK                                                                                                            | Anna  | X.XX      | ±0.20 | SIZE                   | A4                                                                                    | PART NO.<br>DS-SF3V3XXBXX                           | DOC PART<br>001 | REVISION<br>A0         |
|                                                                                                                  |       | X.XXX     | ±0.10 |                        |                                                                                       |                                                     |                 |                        |
| APPROVE                                                                                                          | Hey   | Angle     | ±3°   | THIRD ANGLE PROJECTION |  | CUSTOMER PART NO.                                   | CUSTOMER        | SHEET NUMBER<br>1 OF 1 |
|                                                                                                                  |       | DIM       | TOL   |                        |                                                                                       |                                                     |                 |                        |