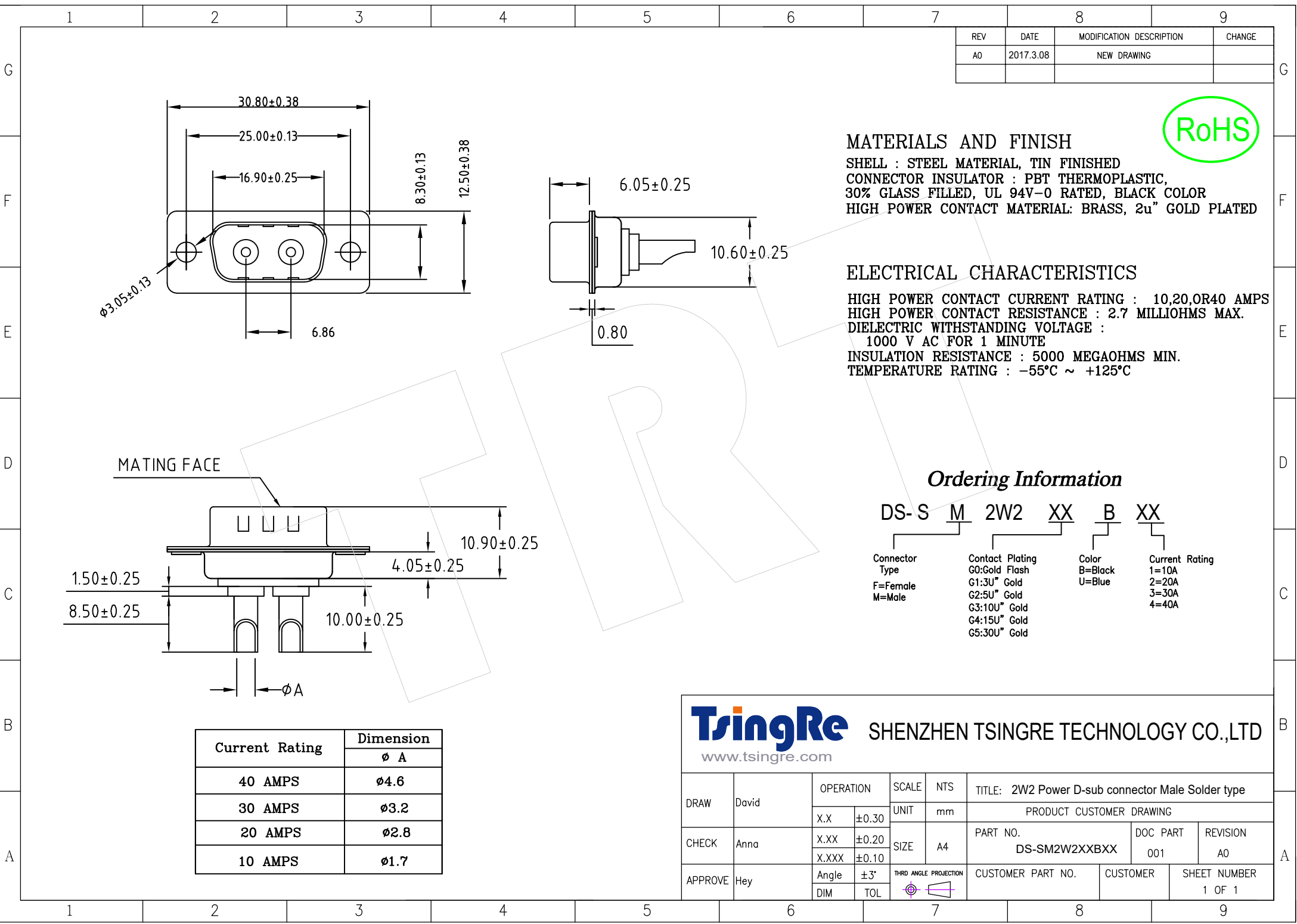




| REV | DATE      | MODIFICATION DESCRIPTION | CHANGE |
|-----|-----------|--------------------------|--------|
| A0  | 2017.3.08 | NEW DRAWING              |        |
|     |           |                          |        |



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, 2u" GOLD PLATED

ELECTRICAL CHARACTERISTICS

HIGH POWER CONTACT CURRENT RATING : 10,20,OR40 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

Ordering Information

| DS- S              | M                                                                                           | 2W2               | XX                               | B | XX |
|--------------------|---------------------------------------------------------------------------------------------|-------------------|----------------------------------|---|----|
| Connector 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 |   |    |

| Current Rating | Dimension |
|----------------|-----------|
|                | φ A       |
| 40 AMPS        | φ4.6      |
| 30 AMPS        | φ3.2      |
| 20 AMPS        | φ2.8      |
| 10 AMPS        | φ1.7      |



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|---------|-------|-----------|-------|-----------------------|-----|---------------------------------------------------|-----------------|------------------------|--|
| DRAW    | David | OPERATION |       | SCALE                 | NTS | TITLE: 2W2 Power D-sub connector Male Solder type |                 |                        |  |
|         |       | X.X       | ±0.30 | UNIT                  | mm  | PRODUCT CUSTOMER DRAWING                          |                 |                        |  |
| CHECK   | Anna  | X.XX      | ±0.20 | SIZE                  | A4  | PART NO.<br>DS-SM2W2XXBXX                         | DOC PART<br>001 | REVISION<br>A0         |  |
|         |       | X.XXX     | ±0.10 |                       |     |                                                   |                 |                        |  |
| APPROVE | Hey   | Angle     | ±3°   | THRD ANGLE PROJECTION |     | CUSTOMER PART NO.                                 | CUSTOMER        | SHEET NUMBER<br>1 OF 1 |  |
|         |       | DIM       | TOL   |                       |     |                                                   |                 |                        |  |