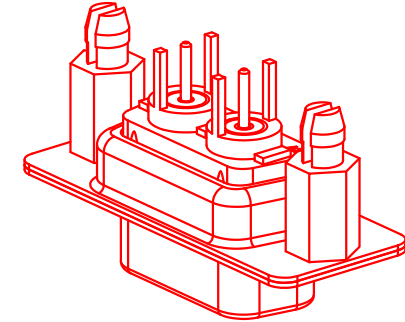
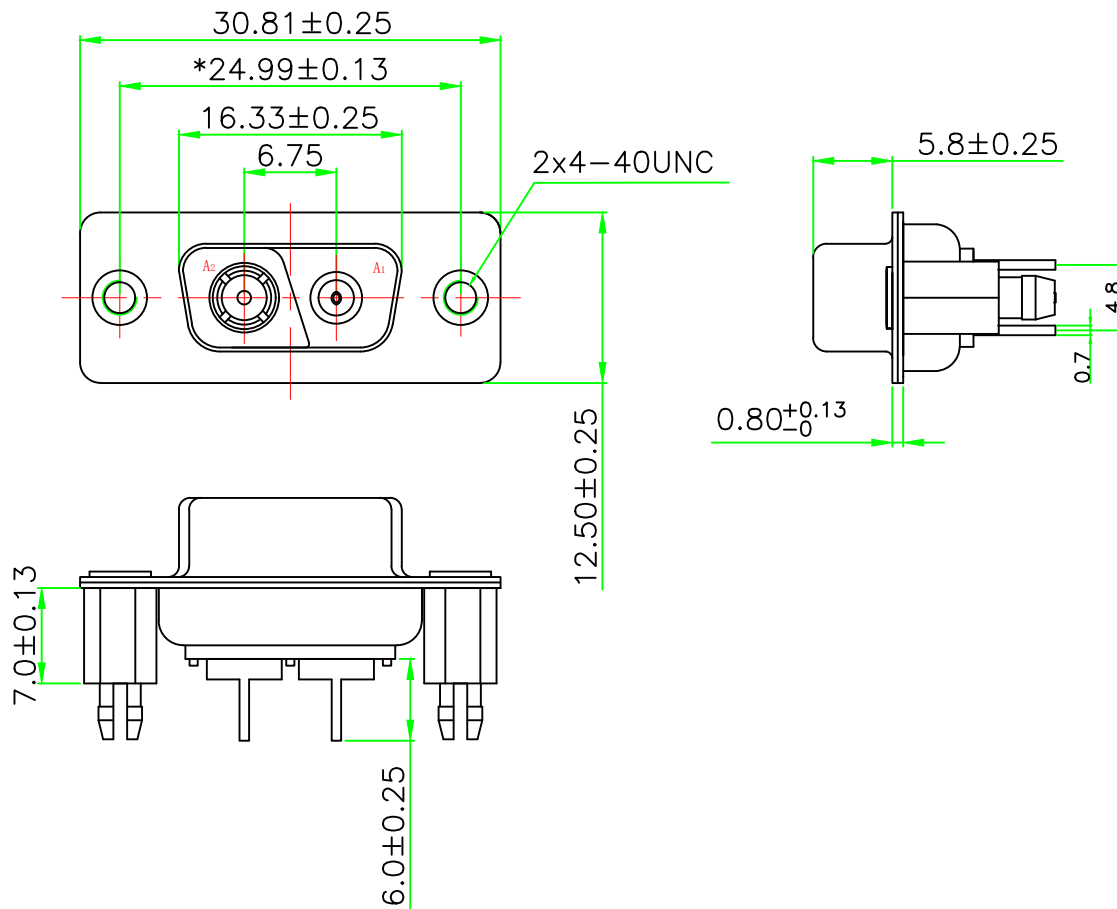


“\*” Pivot Dimension

ROHS Component

| PO(X) | CURRENT RATING (A) |
|-------|--------------------|
| 5     | 50                 |
| 7     | 75                 |



#### MATERIALS AND FINISH

TERMINALS: COPPER ALLOY, ELECTROPLATED NICKEL BASE,  $1\mu\text{m}$ ~ $30\mu\text{m}$  GOLD PLATING IN CONTACT AREA, TINNED OR TIN-LEAD OR GOLD PLATING IN WELDING AREA, THE MATERIAL USED FOR THE HIGH CURRENT TERMINAL IS PHOSPHORUS COPPER, MALE BRASS; 5A SMALL TERMINAL MATERIAL FEMALE END (CROWN SPRING), MALE END IS BRASS. CLAMP RING: THE MATERIAL USED IS C17200.

THE RUBBER CORE OF RF COAXIAL TERMINAL IS MADE OF TEFLON MATERIAL.

OTHER: RIVET: BRASS, NICKEL-PLATED TIN PLATING OR ON REQUEST;

FORK: BRASS, TINNED/TINNED LEAD/NICKEL TINNED OR AVAILABLE ON REQUEST;

SCREW: BRASS, NICKEL-PLATED TIN ON REQUEST;

SHELL: STEEL OR COPPER ALLOY MATERIAL, Tin/Ni OR Au FINISHED.

CONNECTOR INSULATOR: PBT THERMOPLASTIC, 30% GLASS FILLED, UL 94V-0 RATED.

HIGH POWER CONTACT: COPPER ALLOY MATERIAL, GOLD PLATED.

#### ELECTRICAL CHARACTERISTICS

HIGH POWER CONTACT CURRENT RATING: 10, 20, 30 OR 40 AMPS.

THE WORKING VOLTAGE: 300V.

CONTACT IMPEDANCE: SIGNAL TERMINALS: ALL  $10\text{M}\Omega$  MAX; CURRENT TERMINALS:  $2.7\text{M}\Omega$  MAX;

DIELECTRIC WITHSTANDING VOLTAGE: 1000 V AC FOR 1 MINUTE.

INSULATION RESISTANCE: 2000 MEGAOHMS MIN.

TEMPERATURE RATING:  $-55^\circ \sim +125^\circ$ .

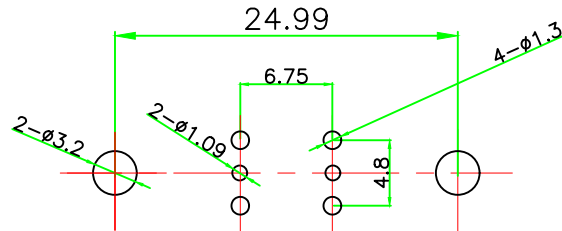
RF TERMINAL CHARACTERISTIC IMPEDANCE:  $50\Omega \pm 5\Omega$ ;  $75\Omega \pm 5\Omega$

WITHSTAND VOLTAGE OF THE RF TERMINAL: 750V AC RMS (STANDARD DEVIATION).

AT 1 MINUTE

RF TERMINAL CONTACT IMPEDANCE:  $30\Omega$  MAX

RATED VOLTAGE OF THE RF TERMINAL: 250V AC



PCB LAYOUT



东莞市迅颢原精密连接器有限公司

Dongguan Signalorigin Precision Connector Co., Ltd

|                                                                                                                 |                           |                               |                                         |                       |
|-----------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|-----------------------------------------|-----------------------|
| <b>TOLERANCE:</b><br>X. $\pm 0.38$<br>X.X $\pm 0.25$<br>X.XX $\pm 0.13$<br>X.* $\pm 5^\circ$ X.X* $\pm 2^\circ$ | <b>DRAWN BY :</b><br>杨剑玉  | <b>DATE :</b><br>2010. 05. 15 | <b>PART NAME:</b><br>2V2 母 射频直焊板式铆7.0鱼叉 |                       |
|                                                                                                                 | <b>CHECKED BY:</b><br>侯应文 | <b>DATE :</b><br>2010. 05. 15 | <b>PART NO.</b>                         | XHY-05-0230           |
| <br><b>UNIT: mm [inch]</b><br><b>SCALE: 1:1</b> <b>SIZE: A4</b>                                                 | <b>APPROVED BY:</b><br>胡超 | <b>DATE :</b><br>2010. 05. 15 | <b>MOLD NO.</b>                         | FS02V2FXH080000000000 |
|                                                                                                                 |                           |                               | <b>REMARK</b>                           |                       |
|                                                                                                                 |                           |                               | <b>DRAW NO.</b>                         |                       |