

# POWER D-SUB 8W8 SOLDER CUP-FEMALE

**ROHS COMPLIANT**

## SPECIFICATIONS:

### ELECTRICAL:

INSULATOR RESISTANCE: 5,000 MegOHMS Min.  
 DIELECTRIC WITHSTANDING: 1,000 VAC r. m. s.  
 OPERATING TEMPERATURE: -55°C ~ +125°C  
 CONTACT RESISTANCE: 30 MILLIOHMS Max.  
 POWER PINS: SEE PART No. BELOW

### MECHANICAL:

CONTACT INSERTION FORCE: 4.5kg Max  
 CONTACT SEPARATOR FORCE: 0.3kg Min  
 MATERIALS:  
 CONTACTS: BRASS  
 INSULATOR: PBT UL94V-0 RATED,  
 230°C PROCESS TEMP.  
 SHELL: STEEL

### SHELL:

### FINISH:

### SHELL:

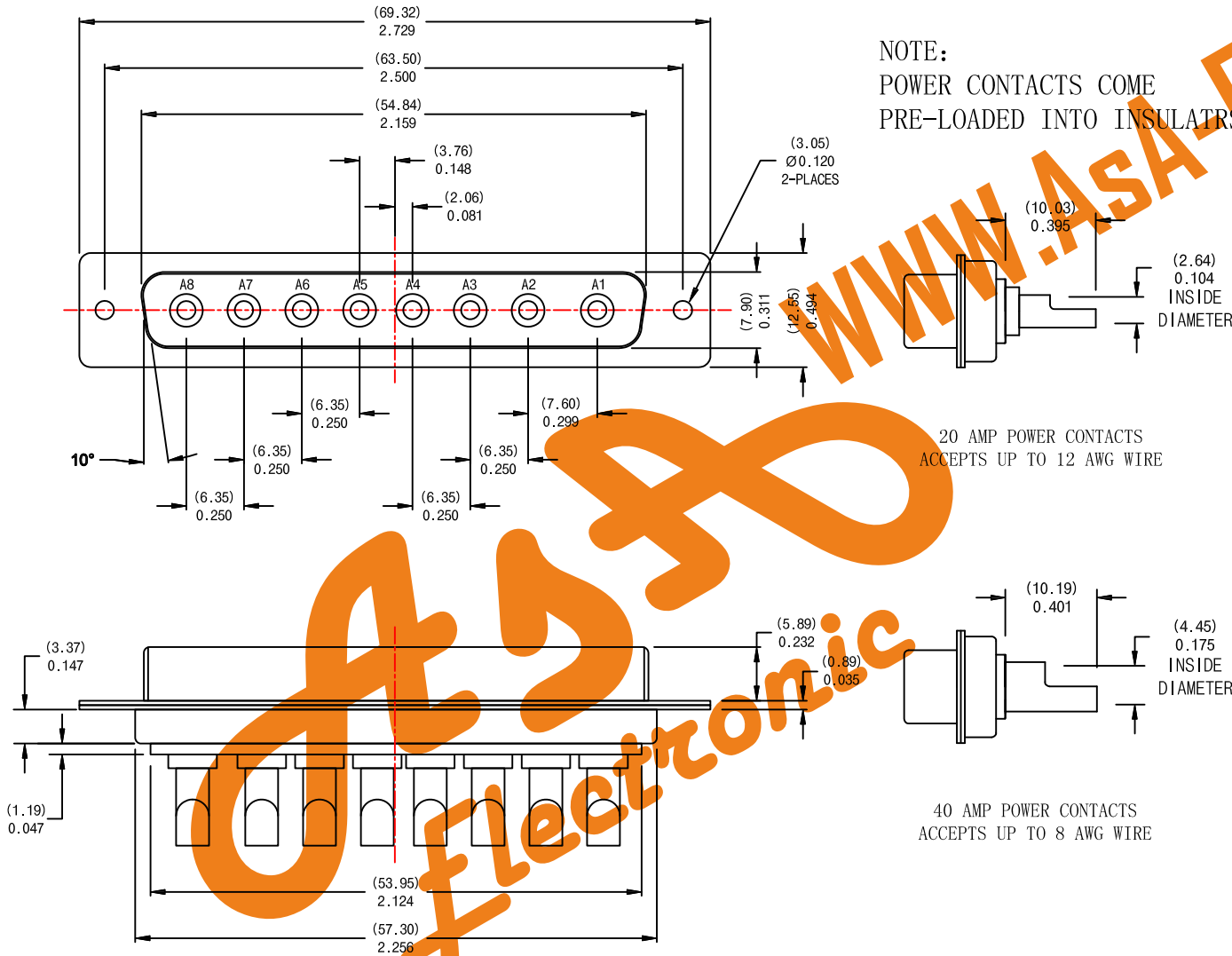
NICKEL

### Ordering Code:

PDB8W8 -F -G0 -B -20 -00  
 ① ② ③ ④ ⑤ ⑥

- ① Series
- ② Contact Type:  
M:Male F:Female
- ③ Contact NO.:  
G0: Gold flash G1: 3u" Gold  
G2: 5u" Gold G3: 10u" Gold  
G4: 15u" Gold G5: 30u" Gold
- ④ Insulation Color Code:  
B:Black L:Blue  
W:White
- ⑤ Power AMP:  
10 = 10AMPS; 20 = 20AMPS;  
30 = 30AMPS; 40 = 40AMPS;
- ⑥ Series no

NOTE:  
 POWER CONTACTS COME  
 PRE-LOADED INTO INSULATORS



20 AMP POWER CONTACTS  
 ACCEPTS UP TO 12 AWG WIRE

40 AMP POWER CONTACTS  
 ACCEPTS UP TO 8 AWG WIRE

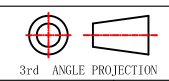
Unless Otherwise specified tolerance

X.±0.35  
 X.X:±0.25  
 X.XX:±0.20  
 X.XXX:±0.15

SCALE: 1:1 UNIT:  
 IN (mm)

DRAWN: junfon H  
 CHECKED: YANG

12/5/3  
 DATE



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TITLE:  
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 PRODUCT NO: PDB8W8-FXXXXX00