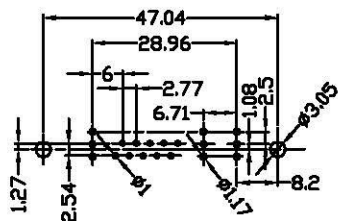
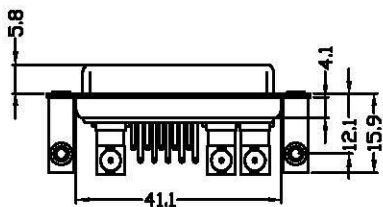
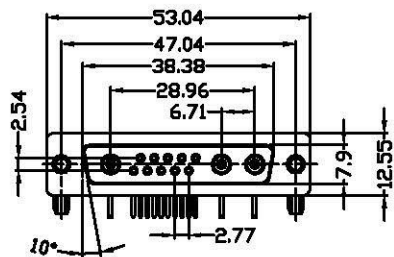


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RECOMMENDED PCB LAYOUT

Specifications:
 Electrical characteristics:
 Contact Current Rating : 5 Amperes.
 Power Rating : 20 Amperes.
 Dielectric Withstanding Voltage : AC 1000V r.m.s
 Insulation Resistance : 5000 Megohms Minimum.
 Contact REsistance : 30 Millohms Maximum.
 Operating Temperature : -55°C TO +125°C

Mechanical Characteristics:
 Contact Insertion Force : 10Kg Maximum.
 Contact separation Force : 0.3Kg Minimum.

Materials:
 Contacts : Brass
 Insulator : PBT UL 94V-0 Rated
 Shell : SPCC

Finishes:
 Contact : Gold Flash
 Shell : Tin
 Coaxial pin : 10A 3u"

DO NOT SCALE DRAWING

DIMENSIONS: <input type="checkbox"/> MM (INCH) <input type="checkbox"/> INCH (MM) <input checked="" type="checkbox"/> MM ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS ANGLES .X ±0.38 [0.015] X° ±3° .X ±0.25 [0.010] .X° ±1.0° .XX ±0.13 [0.005]		CHECKED BY AND DATE JUSTIN KING 10-09-06 APPROVED BY AND DATE KING CHIU 10-09-06 THIRD ANGLE PROJECTION	
MATERIAL:			
FINISH:		SCALE: 1 : 1	SIZE: A3

<small>www.allconnectors.de info@allconnectors.de TEL: 0049 411 4245435 FAX: 0049 411 4245434 20754 Fliedersdorf, Germany Kollumstr. 25</small>	
TITLE 162 SEREIS D-SUB COAXIAL R/A TYPE	
DRAWING NO. 162-H215102171	REV A
FILE NO:	SHEET 1 OF 1

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Ordering Information

162 - $\frac{X}{a} \frac{X}{b} \frac{XX}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f} \frac{X}{g} \frac{X}{h} \frac{X}{i}$

a. No. of Pins

A: 2W2 F: 8W8 K: 17W2 P: 27W2
 B: 3W3 G: 11W1 L: 1W1 Q: 9W4
 C: 5W1 H: 13W3 M: 21W1 R: 11W1
 D: 5W5 I: 21W4 N: 24W7
 E: 7W2 J: 36W4 O: 25W3

b. Contact Type

1: COAXIAL MALE 8: POWER MALE(1 MALE 1 FEMALE)
 2: COAXIAL FEMALE 9: POWER FEMALE(10.1mm)(1 MALE 1 FEMALE)
 3: POWER MALE A: POWER FEMALE(10.5mm)(1 MALE 1 FEMALE)
 4: POWER FEMALE B: POWER FEMALE(11.0mm)(1 MALE 1 FEMALE)
 5: POWER(2 MALE 1 FEMALE)
 6: POWER(1 MALE 2 FEMALE)
 7: POWER(1 MALE 1 FEMALE)

c. SIGNAL/Ohm

15: 50Ω 17: 75Ω
 POWER/Amp
 21: 10 A(Ø:1.8mm) 22: 20 A(Ø:2.95mm) 24: 40 A(Ø:3.75mm)

d. Contact Plating(Power/Coaxial Pin)

1: 3u' GOLD
 2: 15u' GOLD
 3: 30u' GOLD
 4: None
 5: 50u' GOLD

e. Contact Plating(Signal pin)

0: GOLD FLASH
 1: 3u' GOLD
 2: 15u' GOLD
 3: 30u' GOLD
 4: None

f. Shell Plating

0: Cr+3yellow chrome 3: Cr+6yellow chrome
 1: Nickel 4: Gold flash
 2: Tin(standard) 5: Special tin

g. Insulator Color

1: Black(standard)
 2: Green



h. Options of Clinch Nut

0: Clear hole Ø3.05mm 7: L bracket-4 prong boardlock
 1: Front riveted, 5.9mm A: Front rivet, 2.0mm
 2: Rear riveted, 5.9mm B: Front rivet, 2.5mm
 3: Riveted boardlock: 6.0*3.2mm C: Front rivet, 4.0mm
 4: Z字片-2 prong boardlock D: Rear rivet, 2.0mm
 5: L bracket-Ø3.1 E: Rear rivet, 2.5mm
 6: L bracket-2 prong boardlock F: Rear rivet, 4.0mm

i. Flange Mounting Option

0: Ø3.05mm clear hole
 1: #4-40 threaded hole
 2: #4-40UNC hole with #4-40UNC screwlock(5.8*10.8mm) installed
 3: #4-40UNC hole with #4-40UNC screw lock(5.8*10.8mm) bulk-packed
 4: M3 threaded hole
 5: #4-40UNC threaded hole with M3 screwlock(5.8*10.8mm) installed
 6: M2.6 threaded hole
 7: #4-40UNC threaded hole with M2.6 screwlock(5.8*10.8mm) installed
 8: Front riveted: 2.0*2.5mm nuts without screw thread

DO NOT SCALE DRAWING

DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> MM ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 07-03-06			
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS ANGLES X: ±0.38 [0.015] X° ±3° .X ±0.25 [0.010] .X° ±1.0° .XX ±0.13 [0.005]		CHECKED BY AND DATE JUSTIN XING 07-03-06 APPROVED BY AND DATE KING CHIU 07-03-06 THIRD ANGLE PROJECTION		www.allconnectors.de info@allconnectors.de Tel: 0049 711 7095303 Fax: 0049 711 7095304 70734 Filderstadt - Germany Kette warstr. 25	
MATERIAL: _____ FINISH: _____				TITLE 162 SEREIS D-SUB COAXIAL R/A TYPE	
SCALE: 1:1 SIZE: A3		DRAWING NO. _____ REV C		FILE NO: _____ SHEET 1 OF 1	