

3012 Series - D-Sub PCB Vertical Type

Material.

Shell: Steel Tin Plated

Contact: Phosphor Bronze

Contact Plating: Selected Gold

Contact Underplating: Nickel

Insulation: PBT & 30% glass fiber reinforced thermo plastic solder wave process or N6 High Temperature 260C reinforced thermo plastic oven process

Color: Black insulator: BK, Example: 3012-11T-BK-2ND
White (optional Black)

RoHS compliance

Electrical.

Contact Current Rating: 5 Amp

Contact resistance: 10 Miliohms Max.

Insulation Resistance: 1000 Megohms @ 1000V AC

Dielectric Withstanding: 1000V AC min. rms

Operation Temperature: -55°C to +105°C

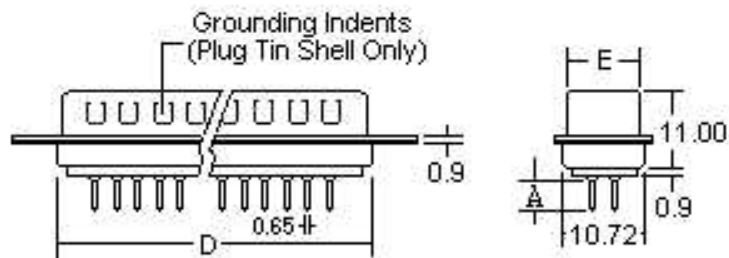
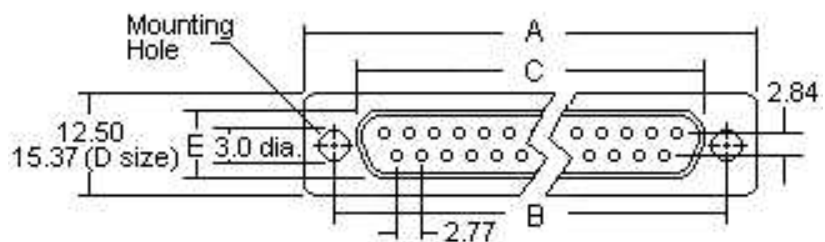
Ordering Part Number

3012 - Series Number	Type	No of Positions	Contact Plating	Insulator	Mount Option
	0: Plug (M) 1: Recept (F)	1: 9 Pos. 2: 15 Pos. 5: 25 Pos. 6: 37 Pos. 7: 50 Pos	Blanket: Selected Gold Flash F: 10u" Gold E: 15u" Gold D: 30u" Gold FT: 10u" Selected Gold ET: 15u" Selected Gold DT: 30u" Selected Gold	Blank: White Insulator BK: Black Color N6: White N6 High Temperature Insulator	Blank: Riveted 3.0mm Hole 2N: 4mm Open Hex Nuts Rear 2NA: Riveted 6mm Open Hex Nuts front #440 2NC: Riveted 6mm Open Hex Nuts #440 Rear 2NJ: 4mm Open Hex Nuts Rear / 4.85mm Hex screw front 2ND: 6mm Stand off Rear (Closed Type) 2NDJ: 6mm Stand off Rear / 4.85mm Hex screw front (Closed Type)

Shell Size	No. of Position	Plug / Recept	Tin Shell					
			Mounting Hole	Clinch Nut	Fixed Jackscrew	Standoff	Standoff Boardlock BK:Black Color Insulator	Standoff Boardlock w Jackscrew assembly
E	9	Plug	3012-01T	3012-01T-2N	3012-01T-2NA	3012-01T-2NB	3012-01T-2ND 3012-01T-BK-2ND	3012-01T-2NDJ
		Recept	3012-11T	3012-11T-2N	3012-11T-2NA	3012-11T-2NB	3012-11T-2ND 3012-11T-BK-2ND	3012-11T-2NDJ
A	15	Plug	3012-02T	3012-02T-2N	3012-02T-2NA	3012-02T-2NB	3012-02T-2ND 3012-02T-BK-2ND	3012-02T-2NDJ
		Recept	3012-12T	3012-12T-2N	3012-12T-2NA	3012-12T-2NB	3012-12T-2ND 3012-12T-BK-2ND	3012-12T-2NDJ
B	25	Plug	3012-05T	3012-05T-2N	3012-05T-2NA	3012-05T-2NB	3012-05T-2ND 3012-05T-BK-2ND	3012-05T-2NDJ
		Recept	3012-15T	3012-15T-2N	3012-15T-2NA	3012-15T-2NB	3012-15T-2ND 3012-15T-BK-2ND	3012-15T-2NDJ
C	37	Plug	3012-06T	3012-06T-2N	3012-06T-2NA	3012-06T-2NB	3012-06T-2ND 3012-06T-BK-2ND	3012-06T-2NDJ
		Recept	3012-16T	3012-16T-2N	3012-16T-2NA	3012-16T-2NB	3012-16T-2ND 3012-16T-BK-2ND	3012-16T-2NDJ
D	50	Plug	3012-07T	3012-07T-2N	3012-07T-2NA	3012-07T-2NB	3012-07T-2ND 3012-07T-BK-2ND	3012-07T-2NDJ
		Recept	3012-17T	3012-17T-2N	3012-17T-2NA	3012-17T-2NB	3012-17T-2ND 3012-17T-BK-2ND	3012-17T-2NDJ

* Also Available (Contact Ho Chien for more information):
 - Mounting options in Zinc Shell.
 - Blue or Black insulation.
 - Contact gold plating upgrade. **
 - Custom length of contact leads. **
 - All connectors can be customly altered to fit your needs. **
 ** minimum orders and/or tooling charges may apply

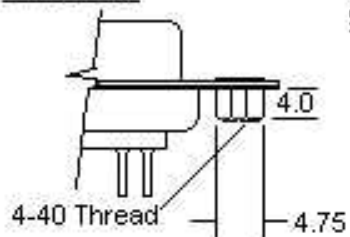
Mechanical Specification and Mounting Option:



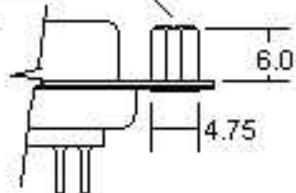
Male: A: 4.8 ± 0.1 mm
 Female A: 4.0 ± 0.1 mm

OPTIONS

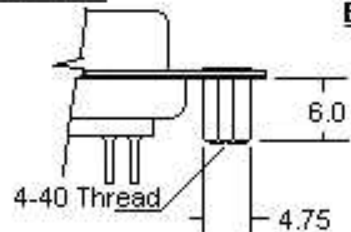
Clinch Nut



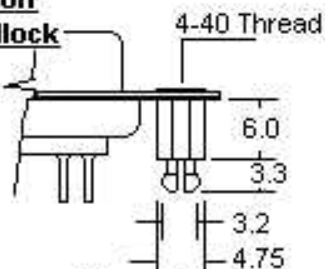
Fixed Jack Screw



Standoff



Standoff Boardlock



(Closed Type)

Dimension (mm)							
Shell Size	No. Pos.	Plug (M) / Recept (F)	A	B	C	D	E
E	9	Plug	30.81	24.88	16.92	19.28	8.36
		Recept			16.33		7.90
A	15	Plug	39.14	33.32	25.25	27.51	8.36
		Recept			24.66		7.90
B	25	Plug	53.04	47.04	38.96	41.30	8.36
		Recept			38.38		7.90
C	37	Plug	69.32	63.50	55.42	57.71	8.36
		Recept			54.84		7.90
D	50	Plug	66.93	61.11	52.81	55.32	11.07
		Recept			52.43		10.74