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HO CHIEN ELECTRONIC GROUP, INC.

COMPONENT PROFESSIONALS

3047 Series

D-Sub IDC Type; for flat ribbon cable

Materials:

Shell: Steel w/ Tin Plated

Contact: Phosphor Bronze

Contact Plating: 0.000127mm [0.000005"] Gold

Contact Underplating: 0.00254mm [0.000100"] min. Nickel

Insulation: PBT & 30% glass fiber reinforced thermo plastic: UL94V-O

Color: Black

Alternative: [3027](#), [3037](#), [3007](#) Series.

Recommended Cable: 1.27mm ctr. Ribbon Cable 26 or 28 AWG; [FC Series](#)

Electrical:

Contact Current Rating: 1.4 Amp (26AWG); 1 Amp (28 AWG)

Contact resistance: 10 Milliohms Max.

Insulation Resistance: 1000 Megohms @ 1000V AC

Dielectric Withstanding: 1000V AC min. rms

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



Ordering Part Number

3047 -

3047N -

Series Number

Type

No of Positions

Contact Plating

Options

Strain Relief

Black Color Only

0: Plug (M)

1: Recept (F)

1: 9 Pos.

2: 15 Pos.

5: 25 Pos.

6: 37 Pos.

Blank: Select Gold Flash

F: 10u" Gold

E: 15u" Gold

D: 30u" Gold

Blank: Mounting Hole 3mm

2N: Clinch Nut 2.5mm rear

2NA: Fix jackscrew front

Blank: Metal Wire Strain Relief

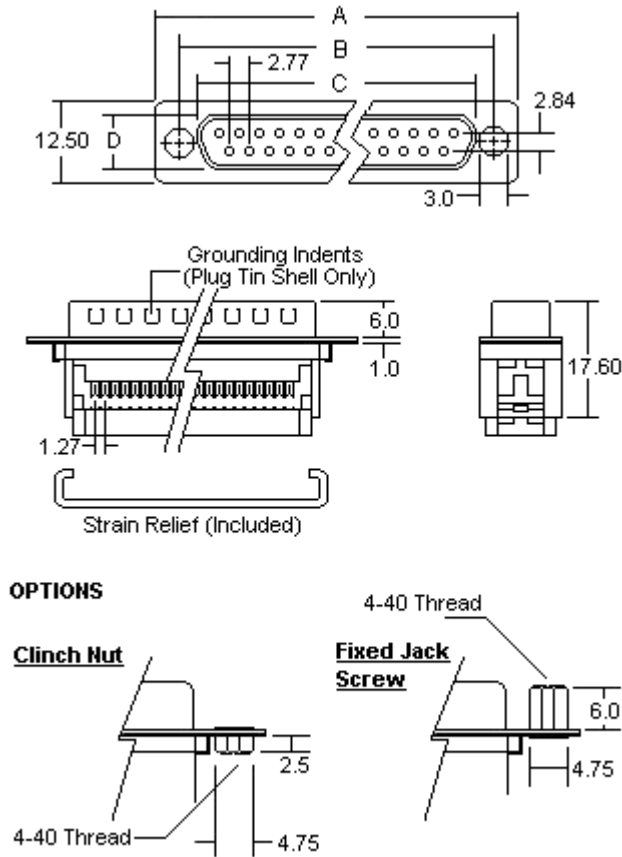
P: Plastic Strain Relief

Shell Size	No. of Position	Plug (M) / Recept (F)	Tin Shell		
			Mounting Hole	Clinch Nut	Fixed Jackscrew
E	9	Plug (M)	3047-01	3047-01-2N	3047-01-2NA
		Recept (F)	3047-11	3047-11-2N	3047-11-2NA
A	15	Plug (M)	3047-02	3047-02-2N	3047-02-2NA
		Recept (F)	3047-12	3047-12-2N	3047-12-2NA
B	25	Plug (M)	3047-05	3047-05-2N	3047-05-2NA

C	37	Recept (F)	3047-15	3047-15-2N	3047-15-2NA
		Plug (M)	3047-06	3047-06-2N	3047-06-2NA
		Recept (F)	3047-16	3047-16-2N	3047-16-2NA

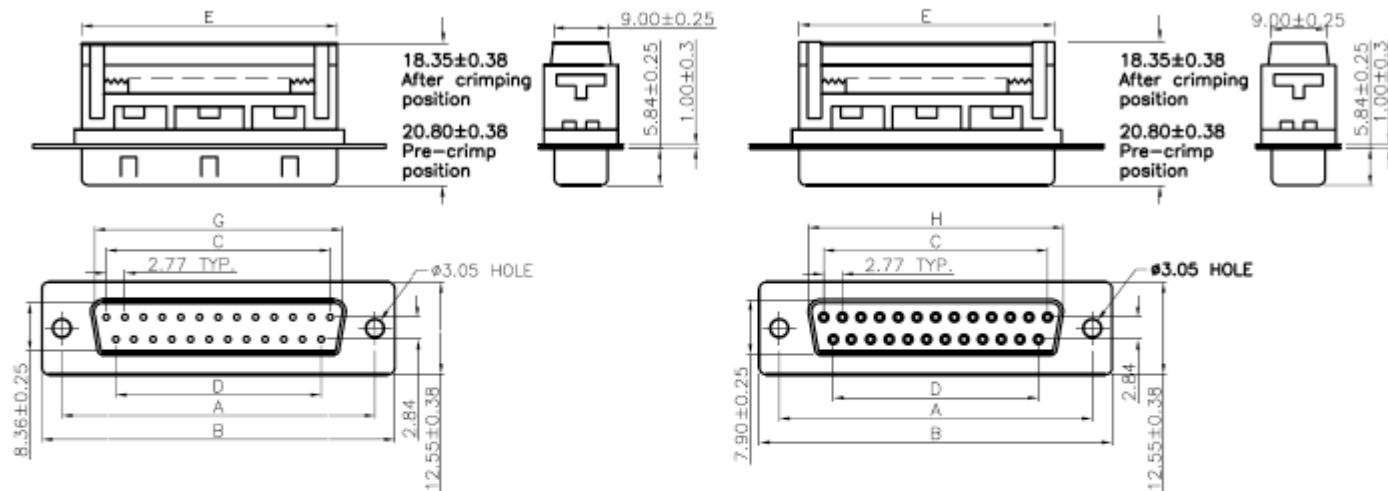
* Also Available (Contact Ho Chien for more information):
 - Contact gold plating upgrade. **
 - Custom length of contact leads. **
 - All connectors can be customly altered to fit your needs. **
 ** minimum orders and/or tooling charges may apply

3047 Mechanical Specification and Mounting Option

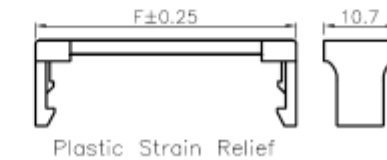


Dimension (mm)						
Shell Size	No. Pos.	Plug (M) / Recept (F)	A	B	C	D
E	9	Plug (M)	30.81	24.88	16.92	8.36
		Recept (F)			16.33	7.90
A	15	Plug (M)	39.14	33.32	25.25	8.36
		Recept (F)			24.66	7.90
B	25	Plug (M)	53.04	47.04	38.96	8.36
		Recept (F)			38.38	7.90
C	37	Plug (M)	69.32	63.50	55.42	8.36
		Recept (F)			54.84	7.90

3047N (Low Profile) Mechanical Specification and Mounting Option



NUMBER OF POSITION S	A	B	C	D	E	F	G	H
	+/-0.13	+/-0.25	+/-0.25	+/-0.25	+/-0.25	+/-0.25	+/-0.25	+/-0.25
9	24.99	30.80	11.08	8.31	16.10	18.60	16.92	16.33
15	33.32	39.10	19.39	16.62	24.00	26.60	25.25	24.66
25	47.04	53.09	33.24	30.47	38.14	40.90	38.96	38.38
37	63.50	69.40	49.86	47.09	54.60	57.10	55.45	54.84



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