

# 4.2mm(.165")Wire To Wire And Wire To Board Connector



Connector & Terminal

## SPECIFICATIONS:

- Current Rating:9A AC,DC
- Voltage Rating:600V AC,DC
- Operating Temperature:V2:-25℃~+85℃  
V0:-40℃~+105℃
- Contact Resistance:10mΩ max.
- Insulation Resistance:1000MΩ Min.
- Withstanding Voltage:1500V AC/minute
- Material:Housing:Nylon66 UL94V-2/UL94V-0  
Pin:Brass.Tin plated
- Pin to Header retention force :  
14.7N(1.5kg) Min.[Gold(Noble)Plated]  
29.4N(3.5kg) Min. [Tin (non-noble)Plated]
- Solder Resistance:Dip connector terminal tails  
in solder :Solder Duration:4±0.5Seconds;  
Solder temperature:245±5℃

Shenzhen Hongru Connector Co., Ltd

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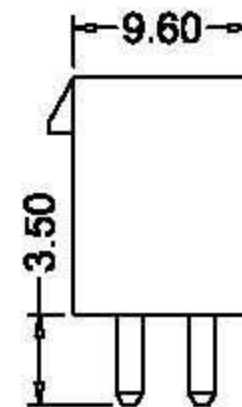
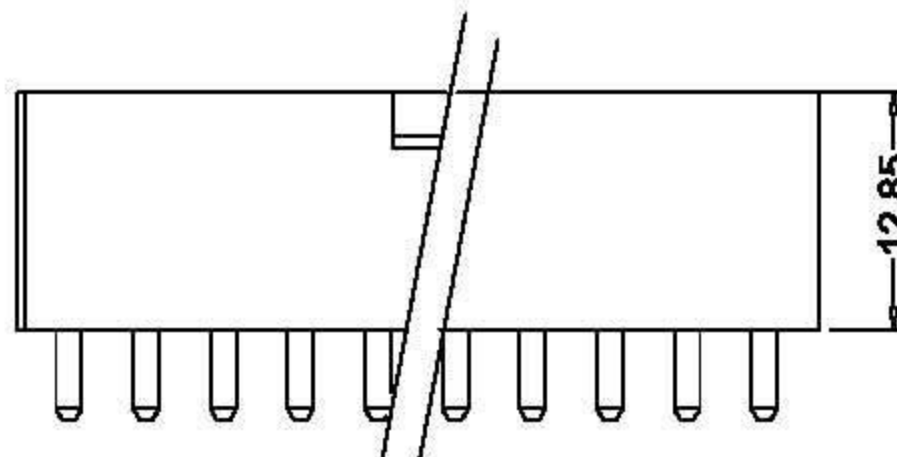
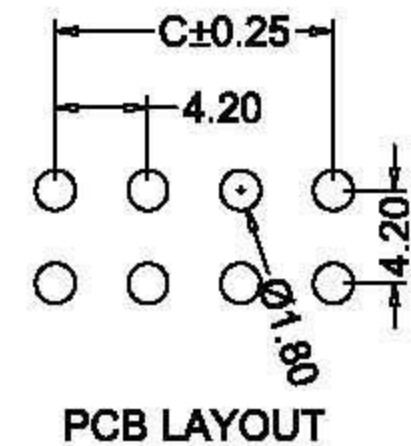
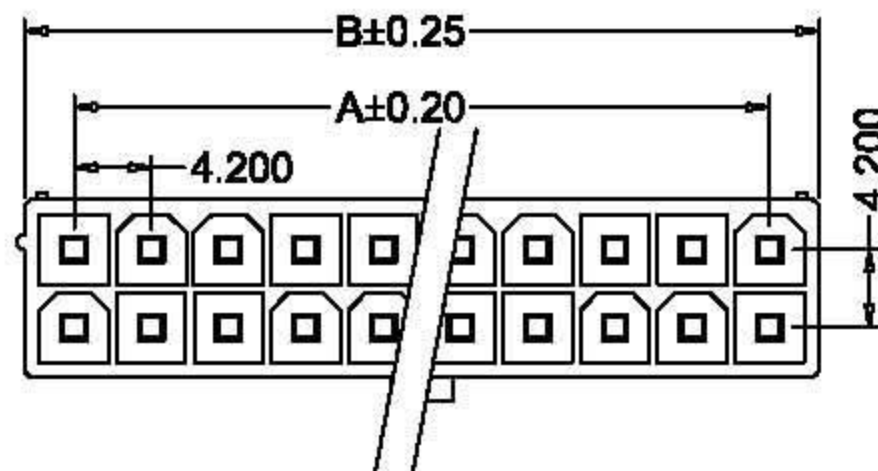
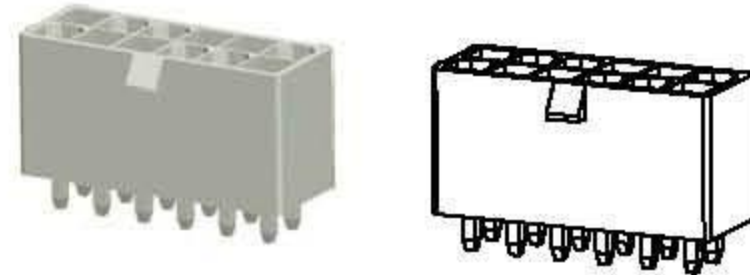
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## Ordering Information And Dimensions

Part NO.			Dimensions			Part NO.			Dimensions		
TYP UL94V-0	TYP UL94V-2	Circuits	Dim:A	Dim:B	Dim:C	TYP UL94V-0	TYP UL94V-2	Circuits	Dim:A	Dim:B	Dim:C
M4257-2x1-A	M4257-2x1-B	2	4.20	5.40	4.20	M4257-2x7-A	M4257-2x7-B	14	25.20	30.80	25.20
M4257-2x2-A	M4257-2x2-B	4	4.20	9.60	4.20	M4257-2x8-A	M4257-2x8-B	16	29.40	35.00	29.40
M4257-2x3-A	M4257-2x3-B	6	8.40	14.00	8.40	M4257-2x9-A	M4257-2x9-B	18	33.60	39.20	33.60
M4257-2x4-A	M4257-2x4-B	8	12.60	18.20	12.60	M4257-2x10-A	M4257-2x10-B	20	37.80	43.40	37.80
M4257-2x5-A	M4257-2x5-B	10	16.80	22.40	16.80	M4257-2x11-A	M4257-2x11-B	22	42.00	47.60	42.00
M4257-2x6-A	M4257-2x6-B	12	21.00	26.60	21.00	M4257-2x12-A	M4257-2x12-B	24	46.20	51.80	46.20

