

7042- 4.2mm(.165") Power Connector, Terminal, Header

Specifications

Circuits: 2 ~ 24

Voltage rating: 600V AC/DC

Current rating: 9A

Withstanding voltage: 1500V AC/minute.

Insulation resistance: 1000M Ω Min.

Contact resistance: 10M Ω Max.

Temperature range: -40 $^{\circ}$ C ~ +105 $^{\circ}$ C

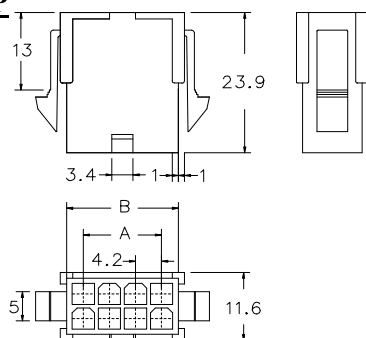
Housing

Material:

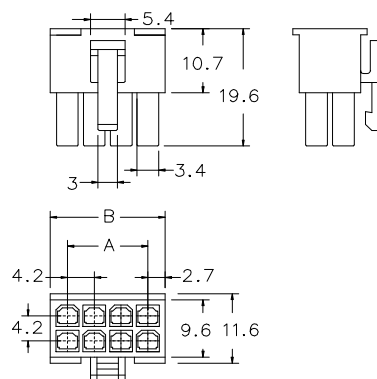
UL94V-2

Nylon 66

7042-xxP

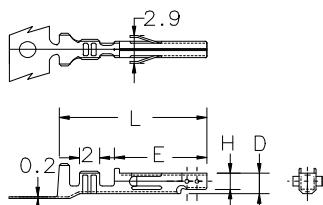


7042-xxR

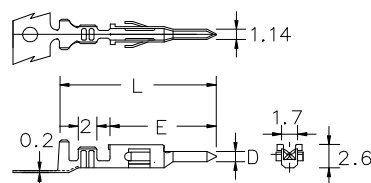


circuits	Part No.		Dimension in. (mm)		circuits	Part No.		Dimension in. (mm)	
	Receptacle	Plug	A	B		Receptacle	Plug	A	B
2	7042-2R	7042E-2P	-	0.213 (5.4)	14	7042-14R	7042E-14P	0.992 (25.2)	1.205 (30.6)
4	7042-4R	7042E-4P	0.165 (4.2)	0.378 (9.6)	16	7042-16R	7042E-16P	1.157 (29.4)	1.370 (34.8)
6	7042-6R	7042E-6P	0.331 (8.4)	0.543 (13.8)	18	7042-18R	7042E-18P	1.323 (33.6)	1.535 (39.0)
8	7042-8R	7042E-8P	0.496 (12.6)	0.709 (18.0)	20	7042-20R	7042E-20P	1.488 (37.8)	1.701 (43.2)
10	7042-10R	7042E-10P	0.681 (16.8)	0.874 (22.2)	22	7042-22R	7042E-22P	1.654 (42.0)	1.866 (47.4)
12	7042-12R	7042E-12P	0.827 (21.0)	1.039 (26.4)	24	7042-24R	7042E-24P	1.819 (46.2)	2.031 (51.6)

3042-PS2

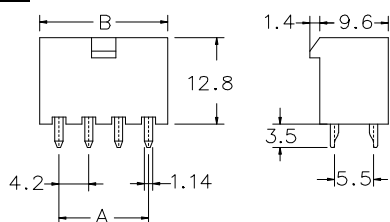


6042-BS2

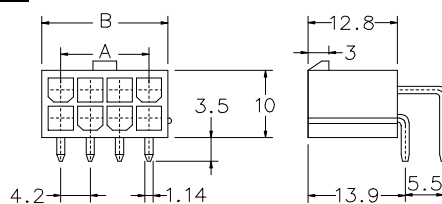


Part No.	Wire range (AWG)	Dimension (mm)				Thickness (mm)	Material	Finish	Q' ty (Reel)
		E	L	D	H				
3042-PS2	16 ~ 24	9.2	14.7	2.15	1.7	0.2	Phos.bronze	/ Tin plated	5,000 pcs/Reel
6042-BS2	16 ~ 24	11.4	16.8	1.14	1.14	0.2	Brass	/ Tin plated	5,000 pcs/Reel

7042-PVxx

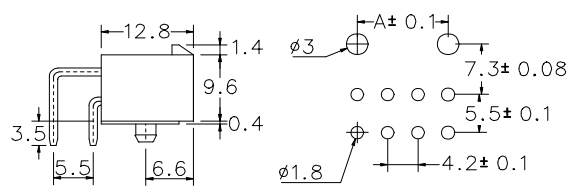
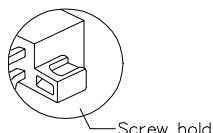
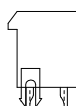
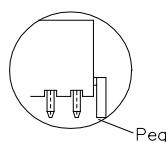


7042-PRxx



circuits	Part No.		Dimension in. (mm)		circuits	Part No.		Dimension in. (mm)	
	Vertical	R/Angle	A	B		Vertical	R/Angle	A	B
2	7042-PV2	7042-PR2	-	0.213 (5.4)	14	7042-PV14	7042-PR14	0.992 (25.2)	1.205 (30.6)
4	7042-PV4	7042-PR4	0.165 (4.2)	0.378 (9.6)	16	7042-PV16	7042-PR16	1.157 (29.4)	1.370 (34.8)
6	7042-PV6	7042-PR6	0.331 (8.4)	0.543 (13.8)	18	7042-PV18	7042-PR18	1.323 (33.6)	1.535 (39.0)
8	7042-PV8	7042-PR8	0.496 (12.6)	0.709 (18.0)	20	7042-PV20	7042-PR20	1.488 (37.8)	1.701 (43.2)
10	7042-PV10	7042-PR10	0.681 (16.8)	0.874 (22.2)	22	7042-PV22	7042-PR22	1.654 (42.0)	1.866 (47.4)
12	7042-PV12	7042-PR12	0.827 (21.0)	1.039 (26.4)	24	7042-PV24	7042-PR24	1.819 (46.2)	2.031 (51.6)

P7042-PV / PRxx, Header with peg type



$$A = (\text{Number of Circuits} / 2 - 1) \times 4.2$$

Unit	Inch (mm)	Drawd By	Lin	Part No.	7042	洋晟實業股份有限公司 ORECO ENTERPRISE CO., LTD. TEL:02-27916536 FAX:02-27942101
Date	98/1/21	Checked By	Hsu	品 名	Connector,Header	
Scale	1 : 1	Filename	7042	客戶料號		