

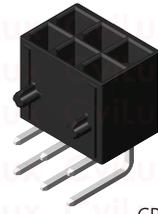
## Power Connector Series



CP35 Series



CP-01X Series



CP60 Series



Series	Pitch	Row	Pin	Wire Range	Current Rating
CP35	3.00 mm	Single Row Dual Row	02~12 02~24	AWG#20~#30	1A~7A
CP-01X	4.20 mm	Single Row Dual Row	03~05 02~24	AWG#16~#26	2A~12A
CP60	5.70 mm	Dual Row	02~12	AWG#12~#16	12A~23A

### Application

- Industrial Electronics
- Home Electronics
- Automotive Electronics



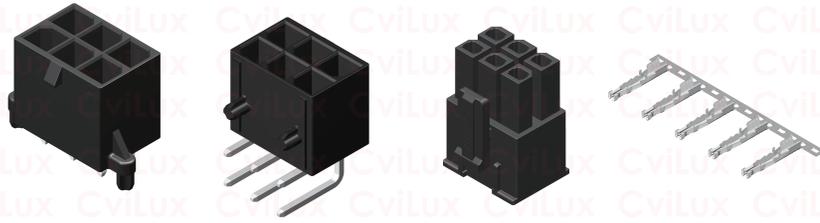
瀚荃集團  
Cvilux Group  
Since 1990



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## CP60 Series : 5.70mm Wire to Board Power Connector



Specification	Material	Plating	CvILux P/N
Receptacle Housing No. of circuits: 02, 04, 06, 08, 10, 12	Nylon 94V-2 GWT	-	CP60**SN010
	PBT 94V-0	-	CP60**S0010
Female Crimp Terminal Wire gauge: AWG #12, #14, #16	High conductivity Copper alloy	Bright Tin	CP60T0*1PP0-HC
		Selective GF 15u" GF 30u"	CP60T0*BPP0-HC CP60T0*CPP0-HC
Vertical Header No. of circuits: 02, 04, 06, 08, 10, 12	LCP 94V-0 GWT	Bright Tin	CP60**P1V00-NH
		Selective GF 15u" Selective GF 30u"	CP60**PBV00-NH CP60**PCV00-NH
Right Angel Header No. of circuits: 02, 04, 06, 08, 10, 12	LCP 94V-0 GWT	Bright Tin	CP60**P1H00-NH
		Selective GF 15u" Selective GF 30u"	CP60**PBH00-NH CP60**PCH00-NH

ITEM	TEST CONDITION REQUIREMENT				
Rated voltage(max.)	600V AC (r.m.s.)				
Rated Current(max.) and Applicable Wire	Circuits/Wire gage	2	4	6	12
	AWG#12 wire gage, 4.00 mm <sup>2</sup>	23A	20A	18A	16A
	AWG#14 wire gage, 2.50 mm <sup>2</sup>	21A	17A	15A	13A
	AWG#16 wire gage, 1.50 mm <sup>2</sup>	17A	15A	13A	12A
Suggestion	Highly suggest using CvILux wire and board side together, it can secure the application safety.				

### APPLICABLE STANDARDS

MIL - STD - 202		Methods for test of connectors for electronic equipment
EIA - 364		Test methods for electrical connectors
J-STD-020		Resistance to soldering Temperature for through hole Mounted Devices
SS-00254		Test methods for electronic components ,LEAD-FREE soldering Part design standards

### ACCOMMODATED P.C.BOARD

Thickness		1.6 mm (.063" )
PCB		See attached drawings



CP60 Series : 5.70mm