



D-Subminiature Product Finder


September 2009

Product Finder – Part 1




 Std. density	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
	<i>PCB</i>		Standard D-Sub (Frugal D)	9,15,25,37,50	Stamped	Straight, Right Angled	Soldered	5 A	10,4	2.54(EU) & 2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws
		Delta-D	9,15,25,37,50	Stamped	Straight, Right Angled	Soldered	5 A	10.4 (EU) & 8.08 (US)	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500


 High density	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
	<i>PCB</i>		Compact D	14,15,26,44,62	Stamped	Right Angled	Soldered	2.5 A	8,89	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws
		Compact D PIP	14,15,26,44	Stamped	Right Angled	Soldered	2.5 A	8,89	2.54(EU) & 2.84 (US)	PIP pegs + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500
		Compact D Press Fit	62,78	Stamped	Straight, Right Angled	Press fit	5 A	8,89	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500

 Cable Connectors	Application	Connector Type	Layout	Contact Type	Termination Type	Current Ratings	Panel Mounting	Mating Cycles	Cable / Wire sizes	
	<i>Cable</i>		Standard D-Sub (Frugal D)	9,15,25,37,50	Stamped / Machined*	Solder Bucket, Wire Wrap*	5 A	Threaded Inserts, Female screws	200 & 500	NA
			8656 Discrete wire IDC	9,15,25,37,50	Without contacts	Crimp	5 A	Threaded Inserts	200 & 500	AWG 24/28 & AWG 20/24
			8656 Contacts	NA	Stamped	Crimp	5 A	NA	200 & 500	AWG 24/28 & AWG 20/24
			8657 FRC Cable IDC	9,15,25,37	Stamped	Crimp	5 A	Threaded Inserts	200 & 500	AWG 26/28 & AWG 28/30
			DP Series	9,15,25,37,50	Machined	Solder Bucket, Wire Wrap	7.5 A	Threaded Inserts, Female screws	200 & 500	AWG 8~16
			DM Series	9,15,25,37,50	Machined	Solder Bucket, Wire Wrap	7.5 A	Threaded Inserts, Female screws	500	AWG 8~16
	<i>Power Cable</i>		DW Series	5W1, 11W1, 7W2, 3W3, 3V3, 21W1, 17W2, 13W3, 9W4, 5W5, 25W3, 21WA4, 27W2, 8W8, 47W1, 24W7, 36W4	Machined	Solder Bucket, Wire Wrap	7.5A (Signal)	Threaded Inserts, Female screws	200 & 500	NA
			Solder & Crimp Contacts	NA	Machined	Solder Bucket, Crimp	10A ~ 40A	NA	200 & 500	AWG 8~16
	<i>Power Cable</i>		DMW Series (Power Cable)	5W1, 11W1, 7W2, 3W3, 3V3, 21W1, 17W2, 13W3, 9W4, 5W5, 25W3, 21WA4, 27W2, 8W8, 47W1, 24W7, 36W4	Machined	Solder Bucket, Wire Wrap	NA	7.5A (Signal) 10A~40A (Power)	NA	NA
<i>TCA Cable</i>		Female cable connector	4W2	Machined (power) / Stamped (signal)	Solder Bucket / Crimp	24A (power) / 0.375A (signal)	NA	200	AWG 10-12	

Product Finder – Part 2



	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
Power Connectors 	Power	DW Series Full Power	2V2, 3W3, 3V3, 5W5, 8W8	Machined	Straight, Right Angled	Soldered	7.5A (Signal) 30A / 40A (Power)	8,08	NA	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	500
		DW Series Full Power press fit	2V2, 3W3, 3V3, 5W5, 8W8	Machined	Straight	Press fit	7.5A (Signal) 30A / 40A (Power)	8,08	NA	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	500
		DW Series Mixed Type	5W1, 11W1, 7W2, 21W1, 17W2, 13W3, 9W4, 25W3, 21WA4, 27W2, 47W1, 24W7, 36W4	Machined	Straight, Right Angled	Soldered	7.5A (Signal) 30A / 40A (Power)	11.65 (EU) & 9.5 (US)	2.54(EU) & 2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	200 & 500
		Delta-D Power	3W3 & 5W5	Machined	Right Angled	Soldered	30A	8,08	NA	Harpoons	Threaded Inserts, Female screws	500
Power Cable	Power Cable	DW Series	5W1, 11W1, 7W2, 3W3, 3V3, 21W1, 17W2, 13W3, 9W4, 5W5, 25W3, 21WA4, 27W2, 8W8, 47W1, 24W7, 36W4	Machined	Solder Bucket, Wire 'wrap	NA	7.5A (Signal) 30A / 40A (Power)	11.65 (EU) & 9.5 (US)	2.54(EU) & 2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	200 & 500
		Solder & Crimp Contacts	NA	Machined	Solder Bucket, Crimp	NA	10A ~ 40A	NA	NA	NA	NA	200 & 500
Power Cable	Power Cable	DMW Series (Power Cable)	5W1, 11W1, 7W2, 3W3, 3V3, 21W1, 17W2, 13W3, 9W4, 5W5, 25W3, 21WA4, 27W2, 8W8, 47W1, 24W7, 36W4	Machined	Solder Bucket, Wire 'wrap	NA	7.5A (Signal) 10A~40A (Power)	NA	NA	NA	Threaded Inserts, Female screws	500
		µTCA	Male Single (std or PIP)	4W2	Machined	Right Angle PCB	Soldered	24A (power) / 0.375A (signal)	7,5	13.72 (pow) / 2.80 (sig)	Harpoons/PIP+ Inserts + Elec. Continuity	Threaded Inserts, Female screws
Male Dual (std or PIP)	4W2		Machined	Right Angle PCB	Soldered	24A (power) / 0.375A (signal)	7,5	13.72 (pow) / 2.80 (sig)	Harpoons/PIP+ Inserts + Elec. Continuity	Threaded Inserts, Female screws	200	
µTCA Cable	µTCA Cable	Female cable connector	4W2	Machined (power) / Stamped (signal)	Solder Bucket / Crimp	NA	24A (power) / 0.375A (signal)	NA	13.72 (pow) / 2.80 (sig)	NA	NA	200

	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
High Performance 	PCB	DP Series (PCB)	9,15,25,37,50	Machined	Straight, Right Angled	Soldered	7.5 A	10,3	2.54(EU) & 2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	200 & 500
		DM Series (PCB)	9,15,25,37,50	Machined	Straight, Right Angled	Soldered	7.5 A	10,3	2.54(EU) & 2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Float mounting, Threaded Inserts, Female screws	500
	Cable	DP Series (Cable)	9,15,25,37,50	Machined	Solder Bucket, Wire 'wrap	NA	7.5 A	NA	NA	NA	Threaded Inserts, Female screws	200 & 500
		DM Series (Cable)	9,15,25,37,50	Machined	Solder Bucket, Wire 'wrap	NA	7.5 A	NA	NA	NA	Threaded Inserts, Female screws	500
	Power Cable	Power Cable	DMW Series (Power Cable)	5W1, 11W1, 7W2, 3W3, 3V3, 21W1, 17W2, 13W3, 9W4, 5W5, 25W3, 21WA4, 27W2, 8W8, 47W1, 24W7, 36W4	Machined	Solder Bucket, Wire 'wrap	NA	7.5A (Signal) 10A~40A (Power)	NA	NA	NA	Threaded Inserts, Female screws

Product Finder – Part 3



Pressfit	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
	<i>PCB</i>	Delta-D Press Fit	9,15,25,37,50	Stamped	Straight, Right Angled	Press fit	5 A	10.4 (EU) & 8.08 (US)	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500
		Compact D Press Fit	62,78	Stamped	Straight, Right Angled	Press fit	5 A	8.89	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500
	<i>PCB Power</i>	DW Series Press Fit	2W2, 3W3, 3W3, 5W5, 8W8	Machined	Straight	Press fit	40A	8.08 (US)	2.84 (US)	Harpoons/Boardlocks, Metal/Plastic Brackets	Threaded Inserts, Female screws	500

Pin-in-Paste	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
	<i>PCB</i>	Delta-D PIP	9,15,25,37,50	Stamped	Straight, Right Angled	Soldered	5 A	10.4 (EU) & 8.08 (US)	2.54(EU) & 2.84 (US)	PIP Pegs + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500
		Compact D PIP	14,15,26,44	Stamped	Right Angled	Soldered	2.5 A	8.89	2.54(EU) & 2.84 (US)	PIP Pegs + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200 & 500

µTCA® Power IO	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint (for R/A)	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles	Packaging	PCB Thickness	Cable / Wire sizes
	<i>µTCA</i>	Male Single (std or PIP)	4W2	Machined	Right Angle PCB	Soldered	24A (power) / 0.375A (signal)	7,5	13.72 (pow) / 2.80 (sig)	Harpoons/PIP Pegs + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200	Honey comb / Carrier tape	1,6	NA
		Male Dual (std or PIP)	4W2	Machined	Right Angle PCB	Soldered	24A (power) / 0.375A (signal)	7,5	13.72 (pow) / 2.80 (sig)	Harpoons/PIP Pegs + Inserts + Elec. Continuity	Threaded Inserts, Female screws	200	Honey comb	1,6	NA
		Female cable connector	4W2	Machined (power) / Stamped (signal)	Solder Bucket / Crimp	NA	24A (power) / 0.375A (signal)	NA	13.72 (pow) / 2.80 (sig)	NA	NA	NA	200	Honey comb	NA

Economy Range	Application	Connector Type	Layout	Contact Type	Termination Type	Contacts on PCB	Current Ratings	Footprint	Contact Pitch	PCB Mounting	Panel Mounting	Mating Cycles
	<i>PCB</i>	Economy - Dsub Straight	9,15,25,37	Stamped	Straight	Soldered	5 A	8,08	2,84	Harpoons/Boardlocks	Threaded Inserts, Female screws	50
		Economy - Dsub R/A	9,15,25,37	Stamped	Right Angled	Soldered	5 A	10.4 (EU) & 8.08 (US)	2.54(EU) & 2.84 (US)	Harpoons + Inserts + Elec. Continuity	Threaded Inserts, Female screws	50

Accessories	
	Plastic Hoods
	Metalised Hoods
	Metal Hoods
	Screw Locks
	Lever Locks
	Brackets
Dust caps	