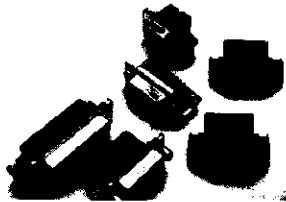




Personal Systems Products
Computer Industry

Input/Output (I/O) Connectors

Subminiature D Connectors
HD-22 Right Angle Posted
(AMPLIMITE)



Material:

Housing – Thermoplastic, 94V-0, black

Front Metal-Shells – Steel, tin plated

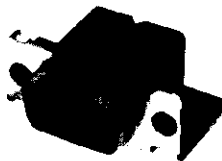
Contacts – Pins: Brass, Sockets: Phosphor bronze

Plating:

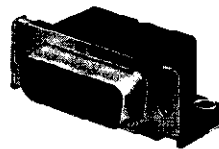
A. .000030 (0.00076) min. gold on mating end, tin-lead on termination end and all nickel underplated

B. Gold flash on mating end, tin-lead on termination end, all nickel underplated

Front Metal Shell .350 (8.89) PCB Footprint



Plug



Receptacle

Shell Size	No. Pos.	Plating Code	With Boardlocks Threaded Inserts
1	15	A	749767-1
2	26	A	749769-1
3	44	A	749771-1
4	62	A	749639-1

Notes:

- All plug connectors are preloaded with size 22 DF posted pin contacts
- Recommended pc board thickness is .062 (1.58) for connectors with boardlocks and .093 (2.36) max. for all others

Shell Size	No. Pos.	Plating Code	Receptacle Part Numbers With Boardlocks			
			With Threaded Inserts	PC 99	With Fixed Female Screwlocks	
1	15	A	787066-1		787506-1	
		B	787066-2		—	
	▲ VESA/VGA	B	788740-1*		—	
		B	788624-1*		—	
	15	A	748390-5		748390-6	
		B	1-748390-1		1-748390-2	
		A	3-748390-8		4-748390-2	
		B	4-748390-1		—	
		B		11076-3		
		B		11076-4**		
2	26	A	748481-5		748481-6	
		B	748482-5		—	
	3	A	748482-5		—	
		B	748394-5		748394-6	

Notes:

- All receptacle connectors are preloaded with size 22 DF posted socket contacts
 - Recommended pc board thickness is .062 (1.58) for connectors with board locks and .093 (2.36) max. for all others
 - Tail Length: $125^{+0.20}$ (3.18^{+0.5}) except part Nos. 3-748390-8, 4-748390-1 and 4 748390 2 tail length $.085^{+0.10}$ (2.16^{+0.34})
- ▲ VESA standard 15-position receptacle housing material: Thermoplastic 94V-0 blue.
* Standard temperature
** Short body
***Without screw

Product Facts:

- Flame retardant thermoplastic housing material, UL94V-0 rated
- Low cost front metal shell design compatible with full metal-shell connectors
- Integral boardlock versions secure posted connectors to pc boards prior to soldering
- Contacts available in platings to satisfy different applications
- Integral threaded inserts and screwlocks available
- Intermateable with any size HD 20 or 22 subminiature D connector dimensionally complying with MIL-C-24308



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Note:
BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.