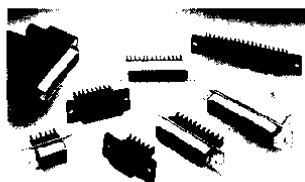




Personal Systems Products
Computer Industry

Input/Output (I/O) Connectors

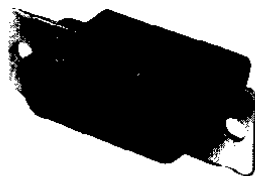
Subminiature D Connectors
HDP-20 for Crimp Snap-In
Contacts (AMPLIMITE)



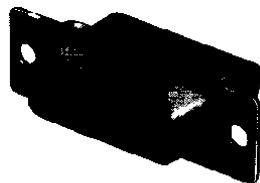
Material:

Shell – Steel, tin or zinc plated
Insert – Thermoplastic, 94V-0, black
Contacts/Ferrules – Purchased separately. See pages 47 and 45 respectively.

Plug



Receptacle



Product Facts:

- Low cost, commercial version of the military approved series
- Crimp, snap-in contacts allow loading of only the number of contacts being used
- Available with shielding hardware and shielding enclosure kits
- Numerous cable clamps and mating hardware options
- Machine applied terminations for highest production rates a lowest applied cost
- Intermateable with any size HD-20 subminiature D connector dimensionally complying with MIL-C-24308

Shell Size	No of Pos.	Mounting Method	Plug Part No.		Receptacle Part Nos.	
			Zinc Plated Shell	Tin Plated Shell Without Grounding Indents	Zinc Plated Shell	Tin Plated Shell
1	9	Standard	205204-1	205204-3	205204-4	205203-3
		Clinch Nut	—	745906-1	745906-2	—
		Floating Bushing	205434-1	—	—	205439-1
2	15	Standard	205206-1	205206-2	205206-3	205205-2
		Clinch Nut	—	745908-1	745908-2	—
3	25	Standard	205208-1	207464-1	207464-2	205207-1
		Clinch Nut	745036-1	745036-3	745036-2	207516-1
		Floating Bushing	205436-1	—	—	205441-1
4	37	Standard	205210-1	205210-2	205210-3	205209-1
		Clinch Nut	—	—	745135-2	—
		Floating Bushing	—	—	—	205442-1
5	50	Standard	205212-1	205212-2	205212-3	205211-1
		Clinch Nut	—	—	747883-2	—

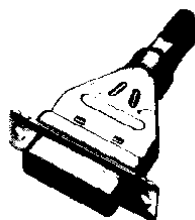
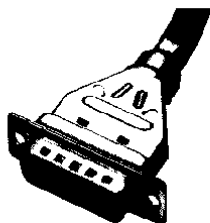
* Clinch nut mounting with M-3 threads

Note: Plugs accept size 20 DF pin contacts and receptacles accept size 20 DF socket contacts.



Shielding Hardware Kits — Plugs

Shielding Hardware Kits — Receptacles



Each Kit Contains:

- Connector
- Inner Shield
- Outer Shield

Material:

Shell – Steel, tin plated
Insert – Thermoplastic, 94V-0, black
Shields – Steel, tin plated
Contacts/Ferrules – Purchased separately. See pages 47 and 45 respectively.

Cinch Nut



Shell Size	No. of Pos.	Recommended Cable Insulation Dia.	Max Cable Dia.†	Mounting Method	Plug Kit Numbers	Receptacle Kit Numbers
1	9	.165-.455	.350	Standard	747522-1	747523-1
		4.19-11.56	8.89	Clinch Nut	748526-1	748536-1
2	15	.165-.455	.350	Standard	747538-1	747539-1
		4.19-11.56	8.89	Clinch Nut	750636-1	787908-1
3	25	.165-.455	.350	Standard	747554-1	747555-1
		4.16-11.56	8.89	Clinch Nut	—	749763-1
4	37	.338-.562	.450	Standard	747570-1	747571-1
		8.59-14.28	11.43	Clinch Nut	786929-1	—
5	50	.338-.480	.450	Standard	747577-1	747578-1
		8.59-12.19	11.43	Clinch Nut	—	—

Notes:

1. Plugs accept Size 20 DF pin contacts, and receptacles accept Size 20 DF socket contacts.
2. Components of the kits are shipped unassembled and bulk-packaged in quantities of 100 pieces.
- † Maximum cable diameter after jacket and braid removed.

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