

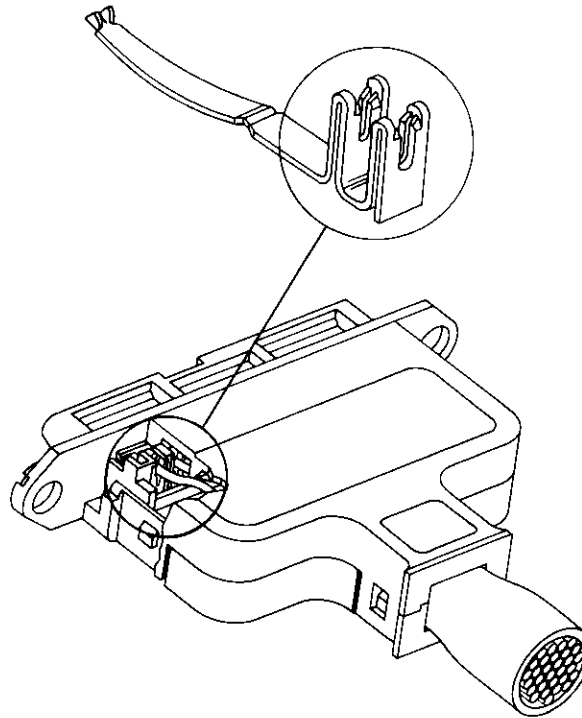
Connector Specifications (Continued)

IDC Connectors

**Large Insulation
Wire Connectors**

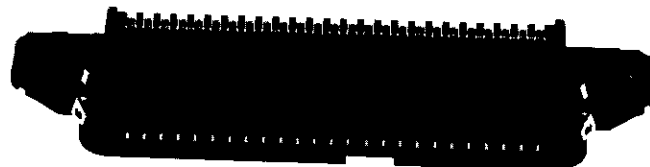
Miniature Ribbon IDC Connectors that can accommodate 22 AWG wire with insulation diameters up to .056 [1.42]. The F-slot contacts handle large insulation diameter conductors using a folded beam contact design.

Only connector supplied.
180° Cover and Cable shown for
reference



No. of Positions	Wire Size				Housing Color Dot Description	Part Numbers			
	Solid		7 Strand			Plug	Receptacle		
	AWG	mm	AWG	mm²			Style PS	Style PB	Style RS
36									
50	22	0.64	22	0.40	Brown	—	558506-1	5-555037-1	5-555066-1
64						556039-1	555342-1	555227-1	—
						556409-1	555753-1	—	555151-1

These special CHAMP connectors are designed with an integral latching system that eliminates the need for additional locking hardware. Receptacle assemblies are preassembled with two plated steel spring latches (one at each end) that latch into cutout slots in mating plug connectors. To release a mated pair, simply depress latches into recessed areas and disengage. Note, however, that integral latches are not repairable nor replaceable. Integral-latch connectors are presently available in 50 and 64 position sizes.

**Integral Locking
Latch Receptacle**

No. of Positions	Housing Color Dot Des.	Contact Letter Code	Part Numbers
50			553921-1
64	Blue	B	554381-2