

## **Electronics**

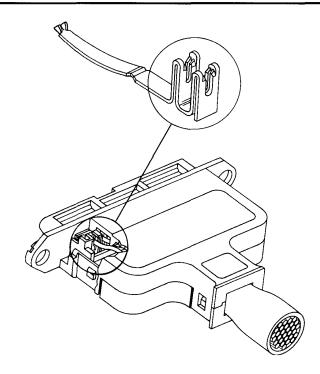
tyco

### 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

# **CHAMP IDC Connector Specifications** (Continued)



No. of Positions	Wire Size				Housing	Part Numbers	
	Solid		7 Strand		Color Dot	Plug	Receptacle
	AWG	mm	AWG	mm <sup>2</sup>	Des.	Style PS	Style RS
50	22	0.64	22	0.40	Brown	556039-1	555227-1
64						556409-1	

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	Blue	В	553921-1
64	blue		554381-2

Catalog 1-1773441-4 Issued 10-05

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425 South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967