

## Economy Interconnection Series (EIS) Connectors

### Contacts

Base PN		Material							Mating PN	Hand Tool	Applicator
Strip	Loose	Contact Type	Wire Size (AWG)	Phosphor		Phosphor	Mating PN				
	Piece			Brass	Bronze	Bronze					
170263	170205	Receptacle	30 to 26	-1	-2	-3	171822, 172486	91562-1	2151084-1		
170377	170430	Pin		-1	-2	-3	172211, 172213	91570-1			
170262	170204	Receptacle	26 to 20	-1	-2	-3	171822, 172486	91556-1	2151138-1		
170376	170429	Pin		-1	-2	-3	172211, 172213	91566-1			
170355*	N/A	Receptacle	30 to 26	N/A	-1	N/A	172142	724663-1	2266701-1		
170354*	170369*	Receptacle	26 to 22	N/A	-1	N/A	172142	91571-1			

-1 and -2 contact part numbers are pre-tinned. -3 contact part numbers are gold over bronze

### Post Headers

Base PN	Description	Plating Material	Positions	Mating Part Numbers
				Wire-to-Board Termination
171825	Vertical, w/o Kink	Tin	2 to 12	171822, 172486, 172142
172732	Vertical, w/ Kink	Tin	2 to 12	
171826	Horizontal, w/o Kink	Tin	2 to 12	
173081	Vertical, w/o Kink	Gold	2 to 12	
176153	Horizontal, w/o Kink	Gold	2 to 6	
172106	Vertical**, w/o Kink	Tin	2 to 6	
172107	Horizontal**, w/o Kink	Tin	2 to 4	
172487	Vertical, w/o Kink, Retention Reinforced	Tin	2 to 3	172486

### Receptacle Connectors

Base PN	Description	Termination Method	Wire Size (AWG)	Positions	Mating Part Numbers			
					Wire-to-Wire Termination	Wire-to-Board Termination	Pistol Tool	Mini-Press Tool
171822	Standard, with Latch	Crimp	N/A	2 to 12	172211, 172213	171825, 172732, 171826, 173081, 176153	N/A	
172486	Standard, w/ Latch (Extraction-Reinforced)	Crimp	N/A	2 to 3				
172142	Low Profile, with Latch	Crimp	N/A	2 to 12				
172054	Standard, with Latch	IDC	28	2 to 20	N/A	171825, 171826	755425-1	723860-1
172053	Standard, with Latch	IDC	26	2 to 20	N/A			
172052	Standard, with Latch	IDC	24	2 to 20	N/A			
172051	Standard, with Latch	IDC	22	2 to 20	N/A			

### Cap Connectors

Base PN	Type	Positions	Mating Part Numbers
			Wire-to-Wire Termination
172211	Free Hanging, with Latch	2 to 12	171822
172213	Panel Mount, with Latch	2 to 8	

\* Low profile

\*\* Centerline = 5mm