

# Board to Board Connectors

## CHAMP 050 Series Connectors — Series II

### For Wire to Board Connection/Wire Application Side

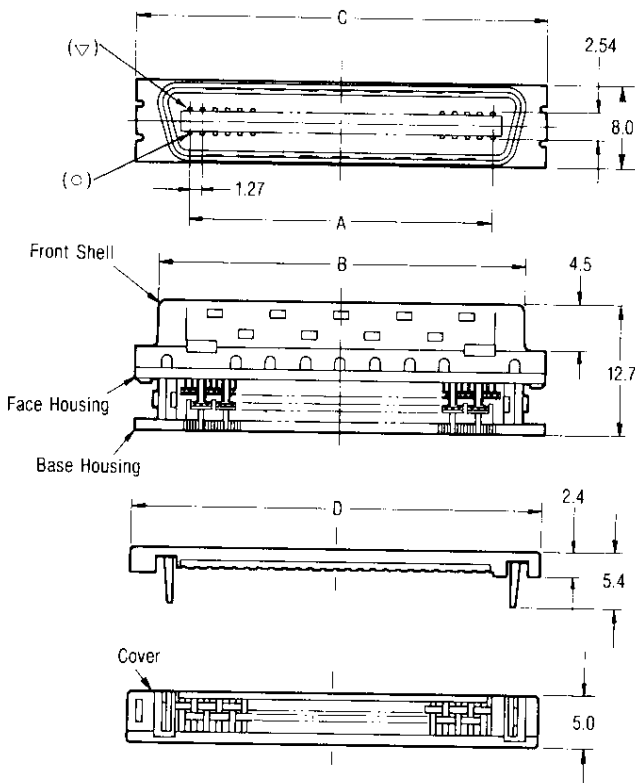
#### Plug Connector Kit with Insulation Displacement Contacts (For Straight and 75° Wire Exit Type Shield Cover)

#### Material and Finish:

Housing (Base, Face, Cover) —UL94V-0 rated, glass-filled thermoplastic, black  
 Front Shell —Nickel-plated steel  
 Contacts —Phosphor bronze, duplex plated 0.3 or 0.76 $\mu$ m gold on contact area, with entire contact underplated nickel

#### Wire Range:

AWG#28 (7-stranded/  
 0.127mm) Wire Insulation  
 dia. —0.5~0.7mm



#### AWG#28

No. of Pos.	Dimensions				Part Number	
	A	B	C	D	0.3 $\mu$ m thk. gold plated	0.76 $\mu$ m thk. gold plated
14	7.62	13.7	18.4	18.3	175677-1	2-175677-1
20	11.43	17.6	22.2	22.1	175677-2	2-175677-2
26	15.24	21.4	26.0	25.9	175677-4	2-175677-4
36	21.59	27.7	32.4	32.3	175677-5	2-175677-5
50	30.48	36.6	41.3	41.2	175677-7	2-175677-7
68	41.91	48.0	52.7	52.6	175677-8	2-175677-8
80	49.53	55.7	60.3	60.2	1-175677-0	3-175677-0
100	62.23	68.4	73.0	72.9	175677-9	2-175677-9