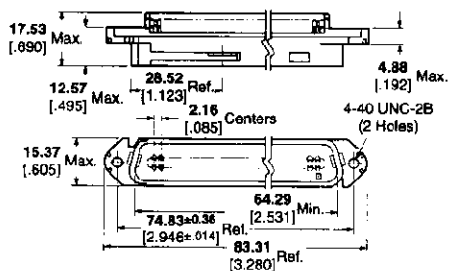


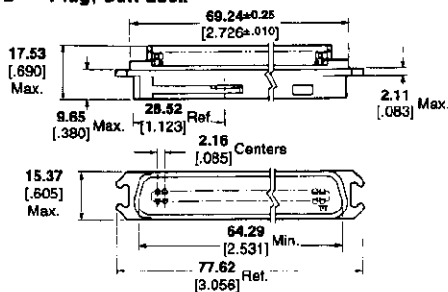
CHAMP IDC Connector (for 50 Position only)

Plug

Style PS — Plug, Screw Lock (Thick Flange)¹

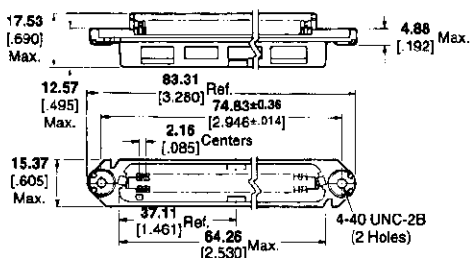


Style PB — Plug, Bail Lock



Receptacle

Style RS — Receptacle, Screw or Bail Lock (Thick Flange)¹



¹Thick flange connectors are typically for cable-to-cable screw lock applications.

Note: These dimensions apply to all mating faces of all types of CHAMP Connectors.

No. of Positions	Wire Size				Housing Color Dot Des.	Contact Letter Code	Part Numbers			
	Solid		7 Strand				Plug		Receptacle	
	AWG	mm	AWG	mm ²			Style PS	Style PB	Style RS	Style RP
50	22	0.65	22	0.40	Green	C	552173-1	552319-1	552064-1	2-552324-1
50	24-26	0.51-0.40	24	0.20	Blue	B	229974-1	552032-1	229975-1	2-552001-1
50	—	—	26-27-28	0.14, 0.10, 0.09	Yellow	E	552390-1	552471-1	552391-1	2-552476-1

Notes: 1. A panel mount 50 position plug connector is available in thin flange with 4.75 [.187] diameter mounting hole, Part Number 552686-1, which has B slot contacts.

2. Style RP is not compatible with integral locking latch receptacle. For thin flange panel mount plug connectors all standard mounting hardware may be utilized with the exception of bail lock mounting hardware.

3. Acceptable conductor insulations are polyvinyl chloride (PVC), polyethylene, irradiated polyethylene, polypropylene and TEFLON coating. Maximum insulation diameter 1.14 [.045] for tools that mass terminate conductors on one side at a time. For tools that insert one conductor per side at a time, 1.09 [.043] insulation diameter is the maximum. As a rule, harder insulations require smaller conductor insulation diameters.