A Better Crimp Joint

Micro-D connectors are factory-terminated to wire. Board mount and insulated wire pigtailed have crimp joints where the wire attaches to the contact. Micro-D GHTM crimp joints are encased with a LCP insulator. This design is unique among high reliability mil spec connectors because the mil spec allows stamped crimp barrels and does not specify that the crimping process must use mil spec crimp tools. The thin sheet metal in the stamped pin cannot produce a satisfactory gas-tight crimp joint, so spot welding is required to reduce the chance of failure.