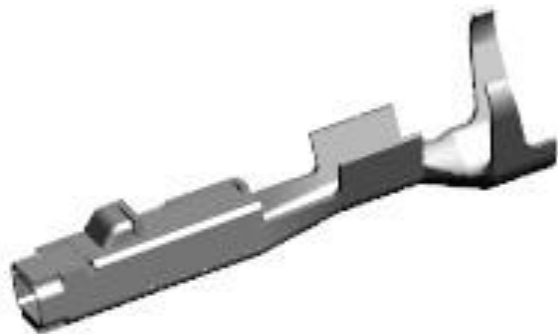# Multiple Contact Point (MCP) & MCON Contact Systems

Product Highlights:

- MCON Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: • Product Line = MCON • Product Type = Contact • Wire/Cable Type = FLR (Thin Walled Cable) • Sealed = Yes **Mechanical Attachment:** • Contact Retention = With • Contact Retention Type = Locking Lance **Electrical Characteristics:** • Contact - Rated Current (A) = 20 **Termination Features:** • Wire/Cable Size (mm²) = 0.5 – 0.75 • Wire/Cable Size (AWG) = 18 – 20 • Termination Method to Wire/Cable = Crimp • Seal Type = Single Wire Seal(s) **Dimensions:** • Mating Area Interface Dimensions (mm [in]) = 1.20 [.047] **Body Features:** • Spring Material = CuNi3Si • Spring Plating = Tin • Wire Type = Stranded • Seal Material = Silicone Elastomer, Silicone VMQ 50 • Seal Color = Green, Gray	**Contact Features:** • Contact Type = Socket • Contact Base Material = CuSn0.15 • Contact Plating, Mating Area, Material = Tin • Contact Plating, Mating Area, Thickness (µm [µin]) = 1 – 3 [39.37 – 118.11] • Spring Plating, Mating Area, Thickness (µm [µin]) = 1 – 3 [39.37 – 118.11] • Contact Style = Clean Body **Industry Standards:** • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant **Environmental:** • Sealing System = Single Wire Sealing System (SWS) • Operating Temperature (°C [°F]) = -40 – +130 [-40 – +266] **Conditions for Usage:** • Applies To = Wire/Cable • Accepts Wire Insulation Diameter, Range (mm [in]) = 1.40 – 1.90 [0.055 – 0.075] **Operation/Application:** • Application Use = Wire-to-Wire **Packaging Features:** • Packaging Method = Reel

	• Packaging Quantity = 6,500 **Other:** • Brand = TE Connectivity