

Note: The information below will help identify the Standard Terminal or Custom Design that best meets your needs. You may **FAX** or mail a copy of this page to our Customer Service Department. We promise you quick response, cost-effective solutions and our continued commitment to "Zero Defects". Thank you for choosing **ETCO!**

Company _____
 Address _____

 City _____
 State _____ Zip+4 _____
 Date _____

Your Name _____
 Position/Dept. _____
 Telephone _____
 Extension _____
 Fax _____
 EMail _____

Program Information

1. Estimated Annual Volume - Samples Required: Yes No Prints Required: Yes No
 2. Release Quantities - Target Price - Program Life -

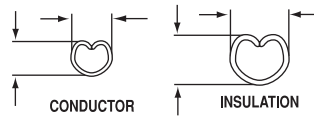
Specifications

Attached: Print Sketch Part No. -
 1. Terminal: Strip Loose Piece Approvals: UL CSA Other Approval -
 2. Material: Metal - Thickness- Plating -
 3. Electrical: Current - Voltage - Resistive - Cycles -
 4. Environment: Temp. - Testing - Cycles -
 5. Housing: Yes (If yes, please send samples.) No Material -
 6. Packaging: Reel Size - Reel Weight - Pallet Size -
Wire: Gauge - Type - Solid Stranded Number Strands - Insulation Diameter -

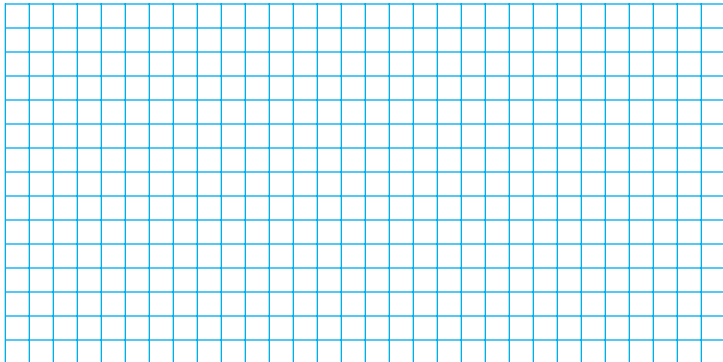
Attaching Equipment

1. Applicator Type: ECC Mini Die Set Other
 2. Press Type: Name - Model - Type -
 3. Cam Used: Upstroke Downstroke Stroke Length -
 4. Automated Wire Processing Equipment: Name - Model -
 5. Pull Test Requirement: UL CSA Other
 6. Feed Direction: Left to Right Right to Left From Rear
 7. Crimp Specifications:

(If special crimp specifications are required, please fill in the diagram to the right.)



Sketch Area



Terminal Design Tips

- 1. Prioritize your needs.** Most terminal designs embody some compromise, so ask yourself: What's most important? Deflection of beams, contact force, corrosion, life cycles, temperatures, electrical conductivity, or cost?
- 2. Consider formability early in the design process.** Can your terminal be manufactured without fracturing? Fracturing can occur if the piece is bent below a minimum radius that varies with the thickness of the alloy strip and the orientation of the bending. ETCO Engineers can offer you assistance in this area.
- 3. Plating Cost-Savers:** (1) pre-plated material can save money since it eliminates an operation; (2) hot dip plating doesn't have the uniform thickness of electroplating, but it can offer a formable coating that's free from porosity, and it is less expensive.
- 4. Tolerance analysis can pay large dividends.** Unnecessarily tight tolerances increase costs.
- 5. Shelf-life solderability.** If this is a requirement, a copper or nickel diffusion barrier should be used on many copper alloys. Ask ETCO if you're not sure.
- 6. Know the application thoroughly.** This is key for reliability and economy.
- 7. Get your suppliers involved early in your design.** Their experience will help you shorten your product launch times; reduce tooling, material and labor costs; and improve overall quality.