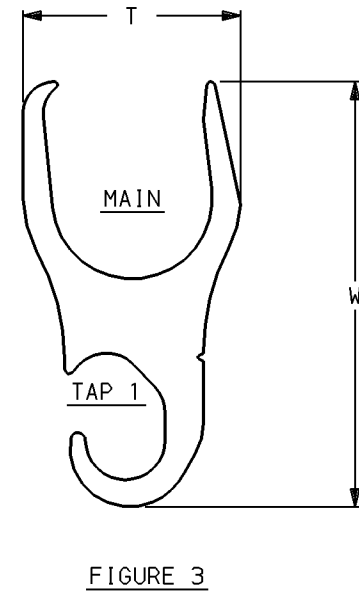
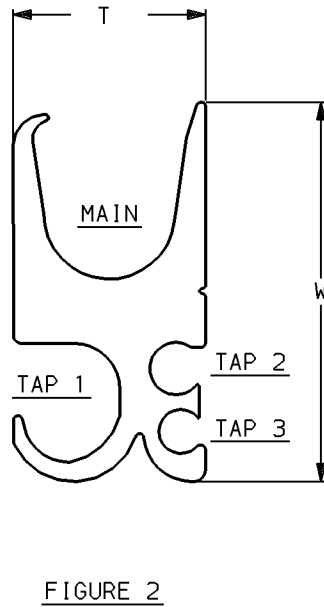
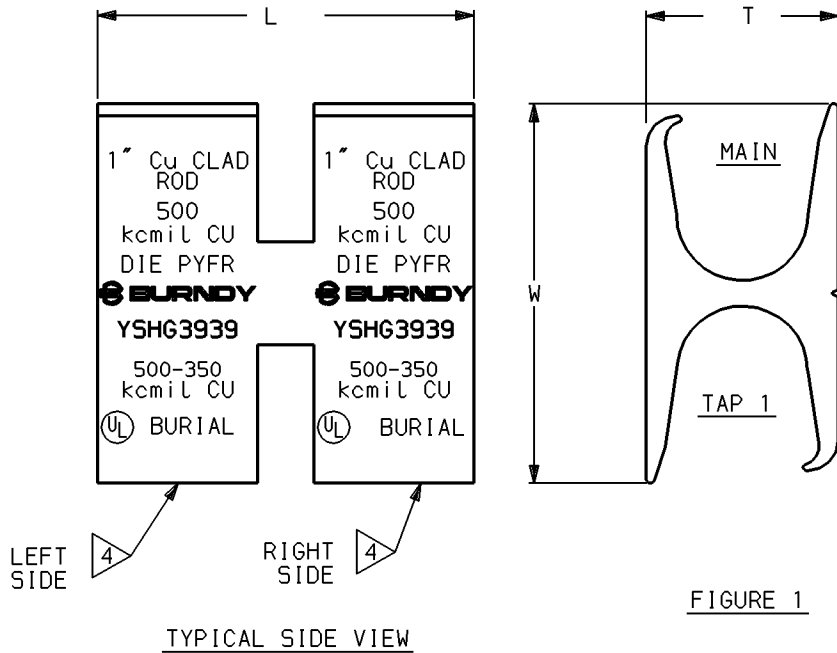


| DRAWING NO.       |             |                                                                                                                       |                      |                |                 |                       |    |                |        |                     |              |              |              |      |          |                                         |     |        |
|-------------------|-------------|-----------------------------------------------------------------------------------------------------------------------|----------------------|----------------|-----------------|-----------------------|----|----------------|--------|---------------------|--------------|--------------|--------------|------|----------|-----------------------------------------|-----|--------|
| SD210382          |             |                                                                                                                       |                      |                |                 |                       |    |                |        |                     |              |              |              |      |          |                                         |     |        |
| CATALOG<br>NUMBER | FIG.<br>NO. | CONDUCTOR SIZES                                                                                                       |                      |                |                 | TOOLING (* OF CRIMPS) |    |                |        | INDEX<br>EMBOSSMENT | W<br>±.06    | T<br>±.04    | L<br>±.06    | REV. | DATE     | DESCRIPTION                             | BY  | C'K'D. |
|                   |             | MAIN                                                                                                                  | TAP 1                | TAP 2          | TAP 3           | Y750                  | *  | 4              | Y46    |                     |              |              |              |      |          |                                         |     |        |
| YSHG4429          | 3           | #9 AND #8 REBAR, 1" [25] GROUND ROD                                                                                   | 250-2<br>[120-35]    | -----          | -----           | ----                  | -- | PYFR           | 2      | K-R                 | 3.22<br>[82] | 1.70<br>[43] | 2.44<br>[62] | 1    | 11-12-97 | ADDED METRIC DIMENSIONS PER PCN (3414). | JRW | KH     |
| YSHG3939          | 1           | 1" [25] CU CLAD GROUND ROD<br>500 kcmil COPPER                                                                        | 500-350<br>[240-185] | -----          | -----           | ----                  | -- | PYFR           | 2      | K-R                 | 2.97<br>[75] | 1.50<br>[38] | 2.94<br>[75] |      |          |                                         |     |        |
| YSHG3931          | 2           | #6 REBAR, 1" [25] Cu CLAD DROUND ROD,<br>3/4" GROUND ROD<br>500-250 kcmil COPPER<br>[240 - 180mm <sup>2</sup> COPPER] | 4/0-1/0<br>[95-70]   | 1-6<br>[35-16] | 2-14<br>[6-2.5] | ----                  | -- | PYFR           | 2      | K-R                 | 2.97<br>[75] | 1.50<br>[38] | 2.34<br>[59] |      |          |                                         |     |        |
| YSHG3434          | 1           | #6 REBAR, 3/4" [19] GROUND ROD<br>400-250 kcmil COPPER<br>[185 - 150mm <sup>2</sup> COPPER]                           | 400-4/0<br>[300-120] | -----          | -----           | U1104                 | 4  | P1104<br>U1104 | 2<br>4 | 1104                | 2.43<br>[62] | 1.15<br>[29] | 2.44<br>[62] |      |          |                                         |     |        |
| YSHG3429          | 2           | #6 REBAR, 3/4" [19] GROUND ROD<br>400-4/0 kcmil COPPER<br>[185-120mm <sup>2</sup> COPPER]                             | 3/0-1/0<br>[70]      | 1-4<br>[35-25] | 8-14<br>[6-2.5] | U1104                 | 4  | P1104<br>U1104 | 2<br>4 | 1104                | 2.23<br>[57] | 1.31<br>[33] | 2.44<br>[62] |      |          |                                         |     |        |



NOTES:

1. MATERIAL: COPPER.
2. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.
3. THE MINIMUM CONDUCTOR REQUIREMENT IS A MAIN CONDUCTOR AND ANY SINGLE TAP OR COMBINATION OF TAP CONDUCTORS, AND EACH CONDUCTOR MUST EXTEND TO THE FULL LENGTH "L" OF THE CONNECTOR.
4. Y46 WITH "P" DIES REQUIRES ONE CRIMP PER CONNECTOR SIDE AND WILL RESULT IN A SMOOTH UNIFORM CRIMP SURFACE.
5. THIS CONNECTOR IS NOT INTENDED FOR USE ON 1" STEEL GROUND RODS.
6. GROOVES ARE PREFILLED WITH PENETROX "E2" AND THE CONNECTORS ARE INDIVIDUALLY SEALED.
7. UL LISTED TO UL467 STANDARD FOR SAFETY: GROUNDING AND BONDING EQUIPMENT.

| HYGROUND, REBAR/ROD/CABLE H-TAP    |  |                                  |  |                                 |  |  |  |  |  |
|------------------------------------|--|----------------------------------|--|---------------------------------|--|--|--|--|--|
| CAT NO: YSHG----                   |  | SCALE                            |  | NOT TO SCALE                    |  |  |  |  |  |
| DRAWN: D. DOBRINSKI                |  | 29-MAR-96                        |  | CHECKED: M. LAROCHELLE 10-23-96 |  |  |  |  |  |
| DSGN APPVL: R. CHADBOURNE 10-23-96 |  | MFG APPVL: G. SCHMEBLER 10-23-96 |  |                                 |  |  |  |  |  |
| Q.A. APPVL: D. VARIO 10-25-96      |  | MKTG APPVL: N/A                  |  |                                 |  |  |  |  |  |
| CAD FILE: SD210382-SHT01           |  | PM REF: N/A                      |  |                                 |  |  |  |  |  |
| FRAMATOME CONNECTORS USA INC.      |  | MDL REF: N/A                     |  |                                 |  |  |  |  |  |
| BURNDY ELECTRICAL                  |  | PROJECT: EPS712                  |  |                                 |  |  |  |  |  |
|                                    |  | DRAWING NO.                      |  | REV                             |  |  |  |  |  |
|                                    |  | SD210382                         |  | 1                               |  |  |  |  |  |
|                                    |  | SHEET 1 OF 1                     |  |                                 |  |  |  |  |  |