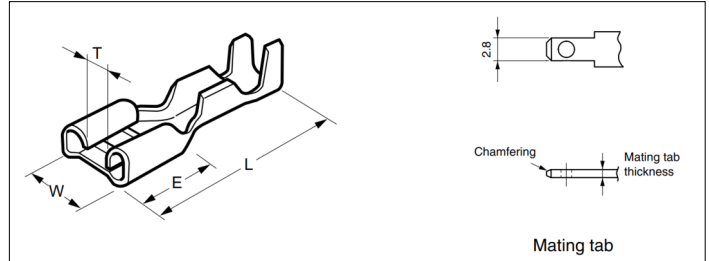


Non Insulated Receptacle - DIN 46247

TO Series (Tab-On Straight) - Chain Terminal

#110 Tab-On Type

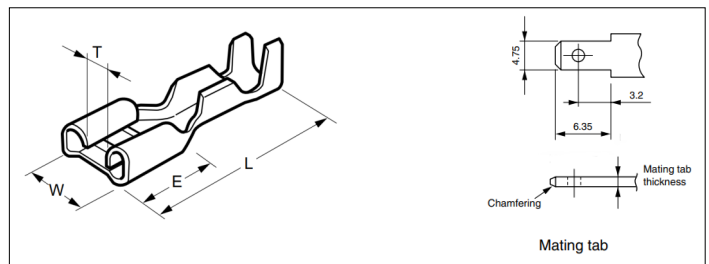


UL LISTED Listed E70188 DIN 46247

| Model No. | Standard | Applicable wire | | | Material | Finish | Max Op. Temp. (°C) | Dimensions (mm) | | | | Material thickness | Mating tab thickness | Q'ty/reel |
|------------------|------------------|-----------------|----------|----------------------|----------|------------|--------------------|-----------------|------|-----|-----|--------------------|----------------------|-----------|
| | | mm ² | AWG # | Insulation O.D. (mm) | | | | W | L | E | T | | | |
| STO-0.25-110N-5 | | 0.1 to 0.25 | 26 to 24 | 1.3 to 1.5 | Brass | - | 90 | 3.7 | 14.5 | 6.2 | 0.3 | 0.25 | 0.5 | 15,000 |
| STO-0.25T-110N-5 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-0.25-110N-8 | | | | | | - | 90 | | | | | | 0.5 | |
| STO-0.25T-110N-8 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-0.5-110N-5 | UL LISTED | 0.25 to 0.5 | 24 to 20 | 1.5 to 2.0 | Brass | - | 90 | 3.7 | 14.5 | 6.2 | 0.3 | 0.25 | 0.5 | |
| STO-0.5T-110N-5 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-0.5-110N-8 | | | | | | - | 90 | | | | | | 0.5 | |
| STO-0.5T-110N-8 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-1.0-110N-5 | UL LISTED | 0.5 to 1.0 | 20 to 18 | 2.0 to 3.3 | Brass | - | 90 | 5.8 | 15.6 | 6.4 | 1.0 | 0.35 | 0.5 | 8,000 |
| STO-1.0T-110N-5 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-1.0-110N-8 | | | | | | - | 90 | | | | | | 0.5 | |
| STO-1.0T-110N-8 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |

RoHS Compliance

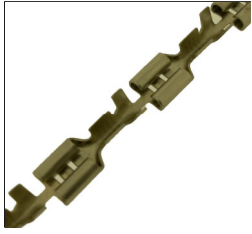
#187 Tab-On Type



UL LISTED Listed E70188 DIN 46247

| Model No. | Standard | Applicable wire | | | Material | Finish | Max Op. Temp. (°C) | Dimensions (mm) | | | | Material thickness | Mating tab thickness | Q'ty/reel |
|-----------------|------------------|-----------------|----------|----------------------|----------|------------|--------------------|-----------------|------|-----|-----|--------------------|----------------------|-----------|
| | | mm ² | AWG # | Insulation O.D. (mm) | | | | W | L | E | T | | | |
| STO-1.0-187N-5 | UL LISTED | 0.5 to 1.0 | 20 to 18 | 2.0 to 3.3 | Brass | - | 90 | 5.8 | 15.6 | 6.4 | 1.0 | 0.35 | 0.5 | 8,000 |
| STO-1.0T-187N-5 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |
| STO-1.0-187N-8 | | | | | | - | 90 | | | | | | 0.5 | |
| STO-1.0T-187N-8 | | | | | | Tin-plated | 110 | | | | | | 0.8 | |

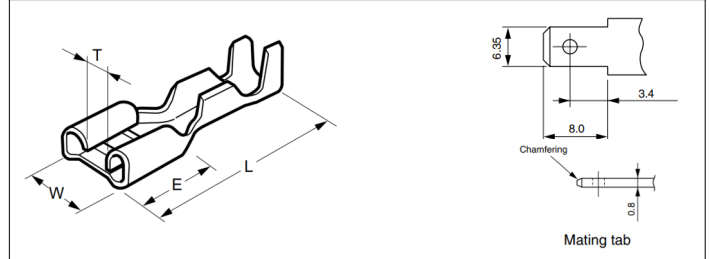
RoHS Compliance




Non Insulated Receptacle - DIN 46247

TO Series (Tab-On Straight) - Chain Terminal

#250 Tab-On Type



 Listed E70188 DIN 46247

| Model No. | Standard | Applicable wire | | | Material | Finish | Max Op. Temp. (°C) | Dimensions (mm) | | | | | Q'ty/reel | |
|-----------------|---|-----------------|----------|----------------------|---------------|------------|--------------------|-----------------|------|-----|-----|--------------------|-----------|----------------------|
| | | mm2 | AWG # | Insulation O.D. (mm) | | | | W | L | E | T | Material thickness | | Mating tab thickness |
| STO-1.0-250N |  | 0.5 to 1.0 | 20 to 18 | 2.0 to 3.3 | Brass | - | 90 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-1.0T-250N | | | | | | Tin-plated | | | | | | | | |
| STO-1.0-250NA |  | 0.5 to 1.0 | 20 to 18 | 2.0 to 3.3 | Nickel Silver | - | 200 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-1.0-250NL* | | | | | | - | | | | | | | | |
| STO-1.0T-250NL* |  | 0.5 to 1.0 | 20 to 18 | 2.0 to 3.3 | Brass | - | 90 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-1.0T-250N | | | | | | Tin-plated | | | | | | | | |
| STO-2.5-250N |  | 1.0 to 2.5 | 18 to 14 | 2.7 to 4.3 | Brass | - | 90 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-2.5T-250N | | | | | | Tin-plated | | | | | | | | |
| STO-2.5-250NA |  | 1.0 to 2.5 | 18 to 14 | 2.7 to 4.3 | Nickel Silver | - | 200 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-2.5-250NL* | | | | | | - | | | | | | | | |
| STO-2.5T-250NL* |  | 1.0 to 2.5 | 18 to 14 | 2.7 to 4.3 | Brass | - | 90 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 5,000 |
| STO-6.0-250N | | | | | | Tin-plated | | | | | | | | |
| STO-6.0-250NA |  | 2.5 to 6.0 | 14 to 10 | 3.9 to 5.1 | Brass | - | 90 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 4,000 |
| STO-6.0T-250N | | | | | | Tin-plated | | | | | | | | |
| STO-6.0-250NA |  | 2.5 to 6.0 | 14 to 10 | 3.9 to 5.1 | Nickel Silver | - | 200 | 7.6 | 19.2 | 7.6 | 1.6 | 0.45 | 0.8 | 12,000 |
| STO-6.0T-250N | | | | | | Tin-plated | | | | | | | | |

RoHS Compliance

Note: 1) *L = Low insertion force type.

Crimping Machine, Applicator



| Type | Contact | Crimping Press | Applicator | General Remarks |
|------|--------------------|-----------------------|----------------------------|--|
| #110 | STO-0.25(T)-110N-5 | AP-K2N | CDS STO0.25-110N/CMK-R | <p>The JST Industry standard applicators have been designed to fit into most Industry standard presses. When installed in a press they provide the most efficient method of applying chain terminals to a pre-stripped wire. Due to the high quality durable design, in addition to being used on semi-automatic machinery these applicators are also suitable for high volume operation on fully automatic machines.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Compatible with most Industry Standard Presses • Available to suit all JST strip terminals • Standard applicator mounting positions • Quick crimp height adjustment for conductor and insulation barrels, using dials • Heavy duty and durable design • Post-feed or pre-feed cams available |
| | STO-0.25(T)-110N-8 | | CDS STO0.5-110N/CMK-R | |
| | STO-0.5(T)-110N-5 | | CDS STO1.0(0.5)-110N/CMK-R | |
| | STO-0.5(T)-110N-8 | | CDS STO1.0-187N/CMK-R | |
| | STO-1.0(T)-110N-5 | | CDS STO1.0-250N/CMK-R | |
| #187 | STO-1.0(T)-187N-8 | CDS STO2.5-250N/CMK-R | CDS STO6.0-250N/CMK-R | |
| | STO-1.0(T)-187N-5 | | | |
| #250 | STO-1.0(T)-250N | | | |
| | STO-2.5(T)-250N | | | |
| | STO-6.0(T)-250N | | | |

Note: 1) Delivery lead times may vary depending on the product. Contact JST for details.

2) In line with a policy of continual product development, JST reserves the right to change the specifications of the goods described in this datasheet at any time and without prior notice.

3) Industry standards applicator available. Contact JST for details.