

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0357254510  
**Status:** Active  
**Description:** 6.35mm (.250") Tab Wire-To-Board Terminal, Female, 22-18 AWG, Pre-Tin Plated

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-35162-001 \(PDF\)](#)

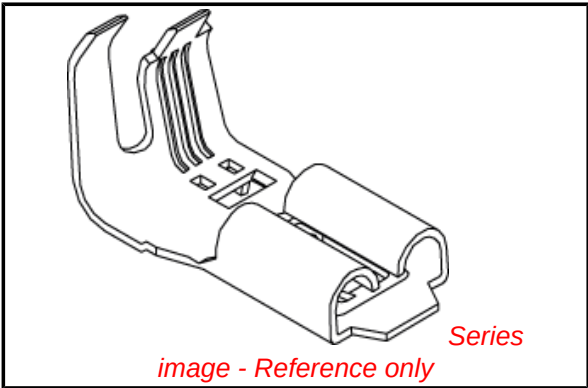
**Agency Certification**  
UL E92853

**General**  
Product Family Crimp Terminals  
Series 35725  
Crimp Quality Equipment Yes  
Product Name Tab and Receptacle

**Physical**  
Gender Female  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Packaging Type Reel  
Plating min: Mating (µin) 32.00  
Plating min: Mating (µm) 0.800  
Plating min: Termination (µin) 32.00  
Plating min: Termination (µm) 0.80  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 1.50-3.00mm (.059-.118")  
Wire Size AWG 18, 20, 22  
Wire Size mm² N/A

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-35162-001  
Sales Drawing SD-35725-4\*10



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Halogen-Free**

**China RoHS**



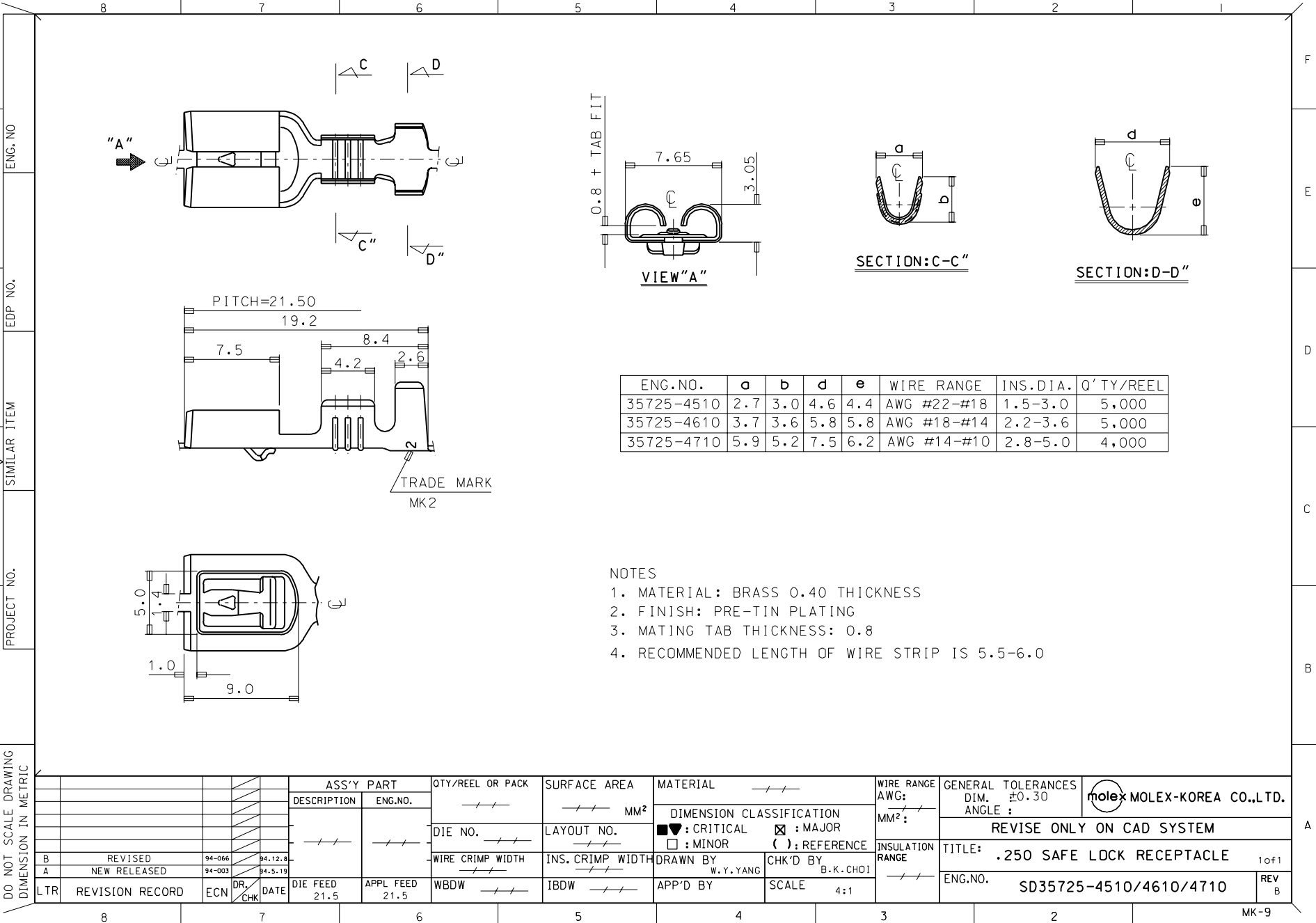
**Need more information on product environmental compliance?**  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
35725Series

**Mates With**  
6.35mm (.250") Tab

**Use With**  
35162 , 35818

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| ENG.NO.    | a   | b   | d   | e   | WIRE RANGE  | INS.DIA. | Q'TY/REEL |
|------------|-----|-----|-----|-----|-------------|----------|-----------|
| 35725-4510 | 2.7 | 3.0 | 4.6 | 4.4 | AWG #22-#18 | 1.5-3.0  | 5,000     |
| 35725-4610 | 3.7 | 3.6 | 5.8 | 5.8 | AWG #18-#14 | 2.2-3.6  | 5,000     |
| 35725-4710 | 5.9 | 5.2 | 7.5 | 6.2 | AWG #14-#10 | 2.8-5.0  | 4,000     |

- NOTES
1. MATERIAL: BRASS 0.40 THICKNESS
  2. FINISH: PRE-TIN PLATING
  3. MATING TAB THICKNESS: 0.8
  4. RECOMMENDED LENGTH OF WIRE STRIP IS 5.5-6.0

|        |  |                         |                  |                    |         |                  |                   |                                                                                            |            |                           |                                  |                                   |          |
|--------|--|-------------------------|------------------|--------------------|---------|------------------|-------------------|--------------------------------------------------------------------------------------------|------------|---------------------------|----------------------------------|-----------------------------------|----------|
|        |  |                         |                  | ASS'Y PART         |         | QTY/REEL OR PACK | SURFACE AREA      | MATERIAL                                                                                   | WIRE RANGE | GENERAL TOLERANCES        | molex MOLEX-KOREA CO.,LTD.       |                                   |          |
|        |  |                         |                  | DESCRIPTION        | ENG.NO. |                  | MM²               |                                                                                            | AWG:       | DIM. ±0.30                |                                  |                                   |          |
|        |  |                         |                  |                    |         |                  |                   |                                                                                            | MM²: /     | ANGLE :                   |                                  |                                   |          |
|        |  |                         |                  |                    |         | DIE NO.          | LAYOUT NO.        | DIMENSION CLASSIFICATION                                                                   |            | REVISE ONLY ON CAD SYSTEM |                                  |                                   |          |
|        |  |                         |                  |                    |         |                  |                   | <input checked="" type="checkbox"/> : CRITICAL <input checked="" type="checkbox"/> : MAJOR |            |                           |                                  |                                   |          |
|        |  |                         |                  |                    |         |                  |                   | <input type="checkbox"/> : MINOR    ( ) : REFERENCE                                        |            |                           |                                  |                                   |          |
|        |  |                         |                  |                    |         | WIRE CRIMP WIDTH | INS. CRIMP WIDTH  | DRAWN BY                                                                                   | CHK'D BY   | INSULATION RANGE          | TITLE: .250 SAFE LOCK RECEPTACLE |                                   |          |
|        |  |                         |                  |                    |         |                  |                   | W.Y. YANG                                                                                  | B.K. CHOI  |                           | 1 of 1                           |                                   |          |
| B<br>A |  | REVISED<br>NEW RELEASED | 94-066<br>94-003 | 94.12.8<br>94.5.19 |         |                  |                   |                                                                                            |            |                           |                                  |                                   |          |
| LTR    |  | REVISION RECORD         | ECN              | DR/CHK             | DATE    | DIE FEED<br>21.5 | APPL FEED<br>21.5 | WBDW                                                                                       | IBDW       | APP'D BY                  | SCALE<br>4:1                     | ENG.NO.<br>SD35725-4510/4610/4710 | REV<br>B |