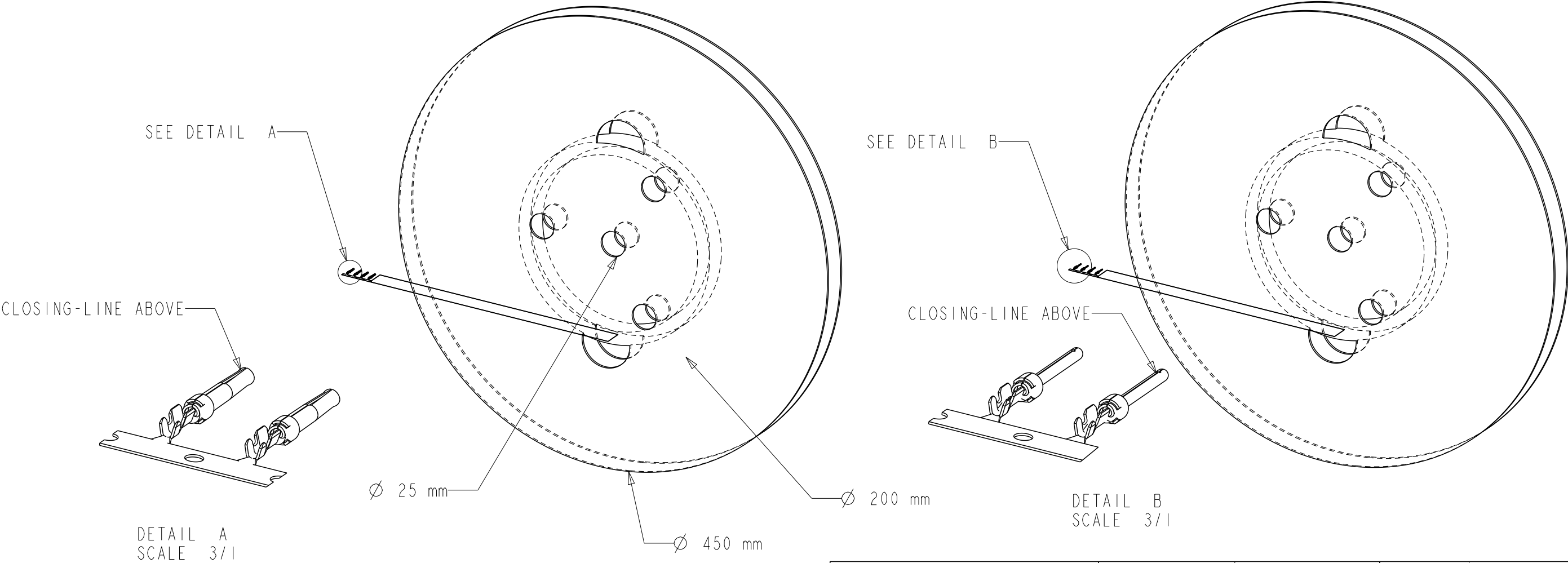


REFERENCE FOR REEL ACCORDING TO FEEDING DIRECTION

| REEL OF 5000 FEMALE CONTACTS |             |               | REEL OF 10000 FEMALE CONTACTS | REEL OF 5000 PIN CONTACTS |             |               | REEL OF 10000 PIN CONTACTS |
|------------------------------|-------------|---------------|-------------------------------|---------------------------|-------------|---------------|----------------------------|
| GAUGE                        |             |               |                               | GAUGE                     |             |               |                            |
| # 24-28                      | 86566710064 | 86566710064LF | -----                         | # 24-28                   | 86564710064 | 86564710064LF | -----                      |
| # 20-24                      | 86566720064 | 86566720064LF | -----                         | # 20-24                   | 86564720064 | 86564720064LF | -----                      |
| # 24-28                      | 86566710065 | 86566710065LF | -----                         | # 24-28                   | 86564710065 | 86564710065LF | -----                      |
| # 20-24                      | 86566720065 | 86566720065LF | -----                         | # 20-24                   | 86564720065 | 86564720065LF | -----                      |
| # 24-28                      | 86566710067 | 86566710067LF | -----                         | # 24-28                   | 86564710067 | 86564710067LF | -----                      |
| # 20-24                      | 86566720067 | 86566720067LF | -----                         | # 20-24                   | 86564720067 | 86564720067LF | -----                      |



NOTE : ROHS INFORMATION  
The LF products meet European union directives and other country regulations as described in GS-22-008  
Terminations plating spec : 2um Nickel min + 2um Sn min  
Packaging Spec : see GS-14-920

| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| E   | LS06-196  | MPE | 27/11/2006 |
| F   | LS08-0127 | MPE | 2008/05/13 |
| G   | I09-0152  | AMR | 2009-07-27 |
| H   | I10-0070  | AMR | 2010-03-09 |
| J   | III-0003  | AMR | 2011-01-06 |
| -   | -         | -   | -          |
| -   | -         | -   | -          |

|                    |         |          |                                                        |                                |             |                       |
|--------------------|---------|----------|--------------------------------------------------------|--------------------------------|-------------|-----------------------|
| www.fciconnect.com |         |          | surface - <input checked="" type="checkbox"/> ISO 1302 | tolerance std ISO 406 ISO 1101 | projection  | mm                    |
|                    |         |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                  |                                |             |                       |
| Dr                 | C JARRY | 13/05/02 | ANGULAR                                                | LINEAR                         | 0.X ±0.3    | size A3               |
| Eng                | -       | -        | 0° ±2°                                                 |                                | 0.XX ±0.1   | Scale 5/1             |
| Chr                | -       | -        | Product family                                         |                                | 0.XXX ±0.05 | ECN III-0003          |
| Appr               | -       | -        |                                                        |                                | 8656        | Spec ref -            |
|                    |         |          | CRIMP CONTACTS                                         |                                |             | Rev. J                |
|                    |         |          | catalog no                                             |                                |             | dwg no C01-8656-1525  |
|                    |         |          |                                                        |                                |             | customer sheet 1 of 2 |



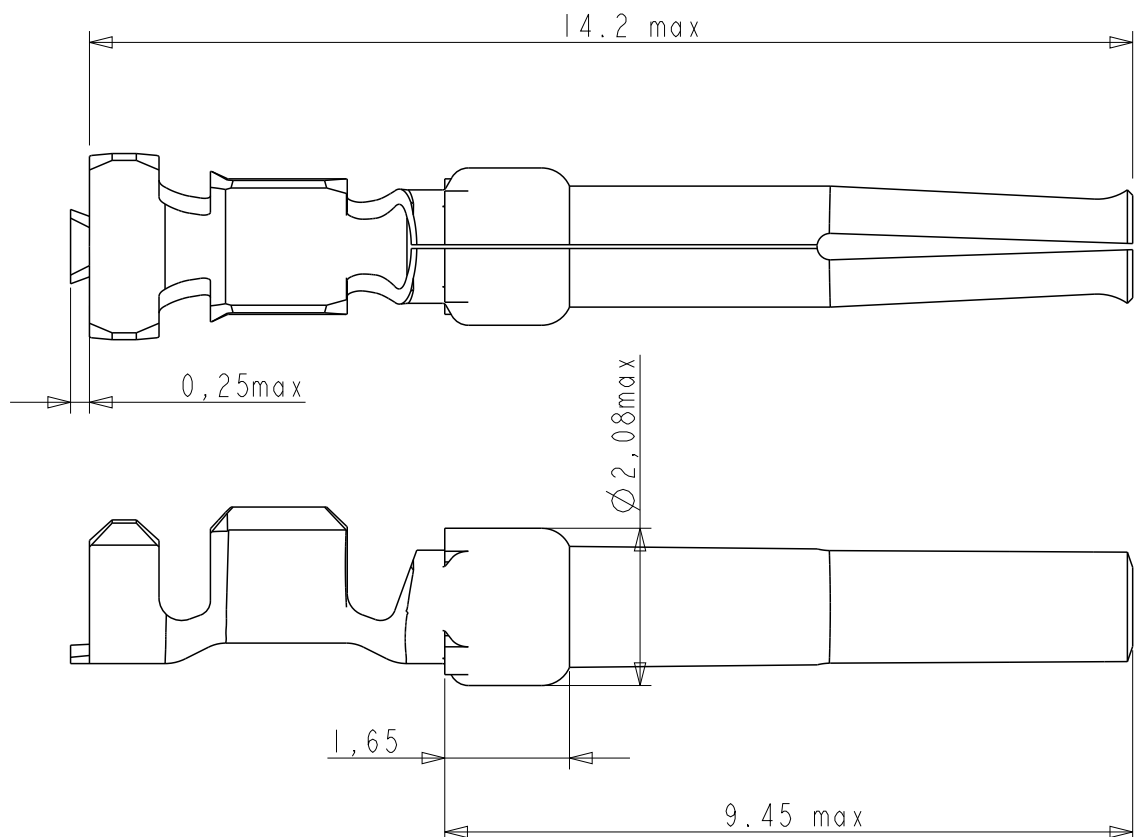
Copyright FCI.

A

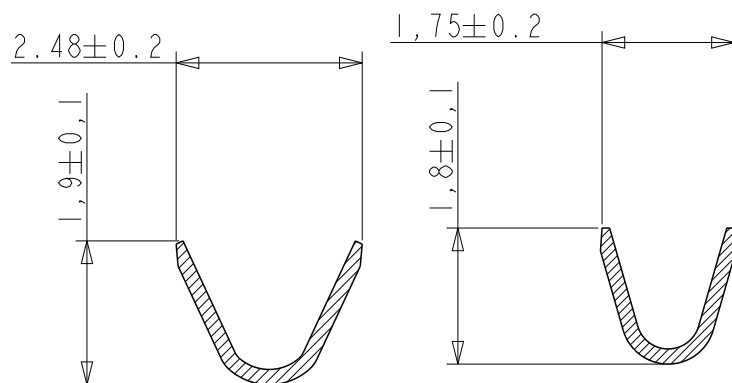
B

C

D

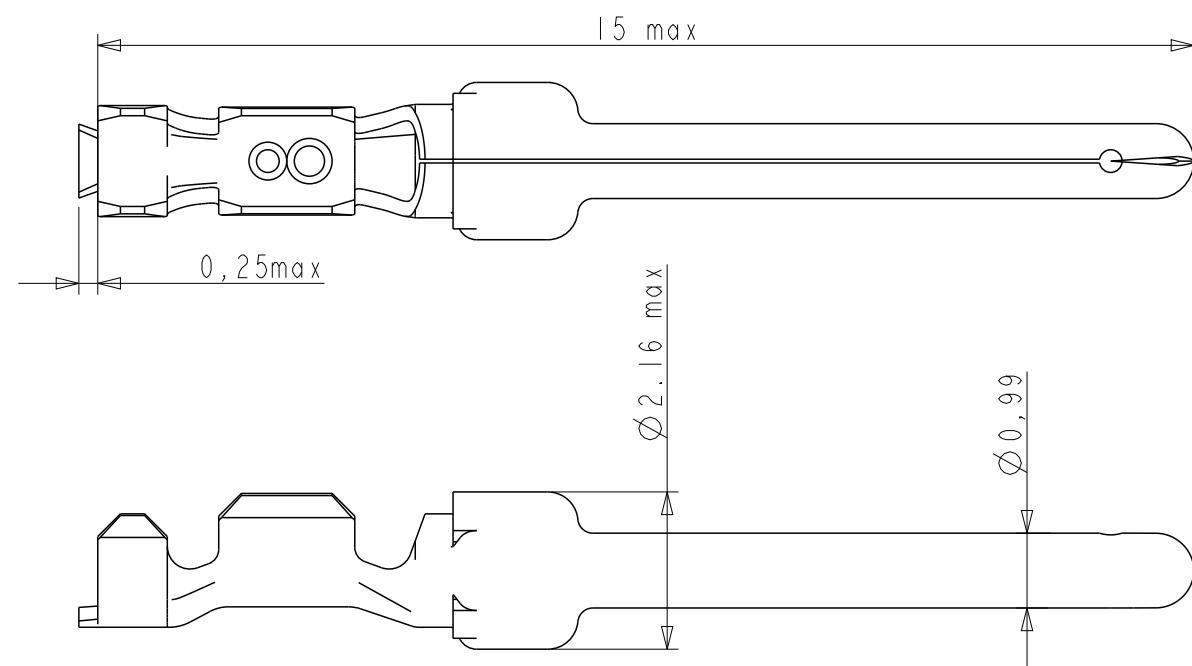


CROSS SECTIONS  
FOR CT #20-24



SECTION A-A

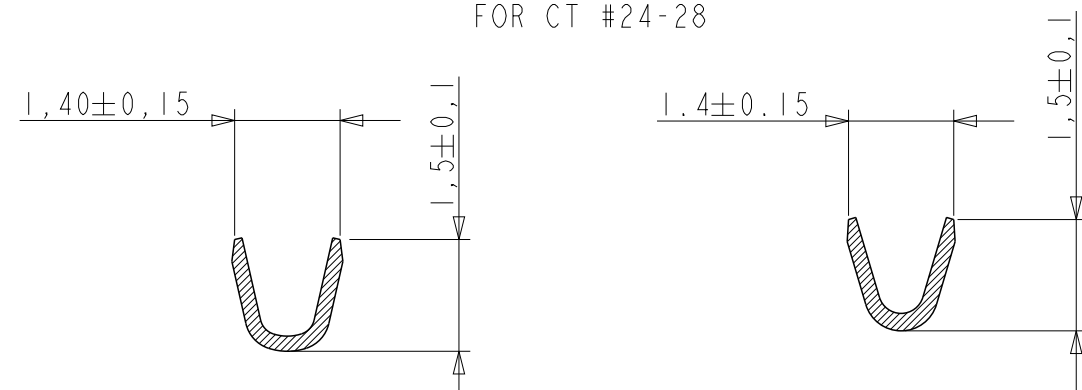
SECTION B-B



NOTES

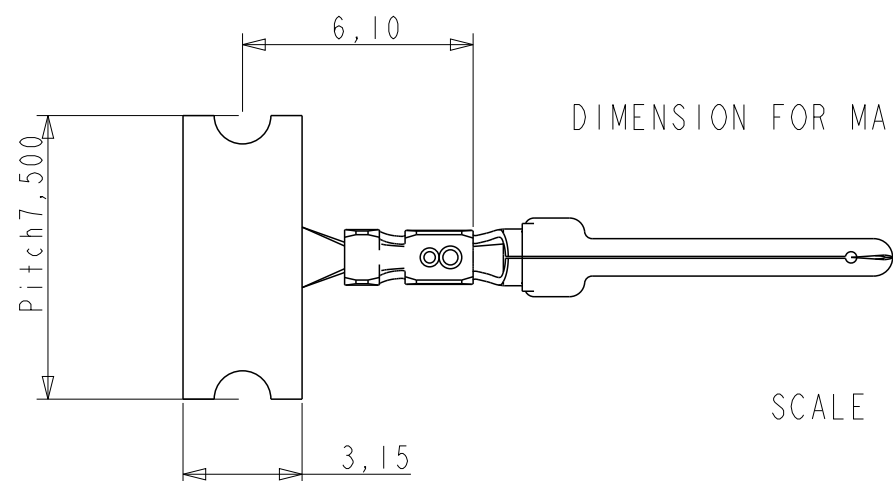
- 1- Material : Phosphor bronze, thickness 0.20
- 2 -Finish on contact area : termination 064:gold flash  
termination 065:076μ Au / GXT  
termination 067:04μ Au / GXT  
finish on termination : bright tin over nickel
- 3 -Wire range :20 to 28 AWG(see ref sheet 1/2)
- 4 -Max outer dia of wire insulator:  
-1.73 mm for contact #20-24  
-1.02 mm for contact #24-28
- 5 -Current carrying capacity per contact:  
5 Amps max when crimped to #20 AWG  
5 Amps max when crimped to #22 AWG  
3 Amps max when crimped to #24 AWG  
2 Amps max when crimped to #26 AWG  
1 Amps max when crimped to #28 AWG
- 6 -After 5 insertions into connector,  
contact retention must be 5 pounds axial load min
- 7 -When contact is crimped to 20 AWG, the insulation  
support crimped height must be 1.78 mm max to ensure  
a proper insertion into housing.
- 8-Reel should be continuous without any contacts  
missing in between
- 9 -Packaging : Reel

CROSS SECTIONS  
FOR CT #24-28



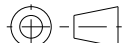
SECTION A-A

SECTION B-B



DIMENSION FOR MALE & FEMALE

SCALE 5

|                                                                                       |         |            |                                                                                                 |        |               |                |                                                                                       |                                                                                       |               |          |              |
|---------------------------------------------------------------------------------------|---------|------------|-------------------------------------------------------------------------------------------------|--------|---------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|----------|--------------|
| www.fciconnect.com                                                                    |         |            | surface -  |        | tolerance std |                | projection                                                                            |  |               |          |              |
|                                                                                       |         |            | ISO 1302                                                                                        |        | ISO 406       | ISO 1101       |  |                                                                                       |               |          |              |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |         |            |                                                                                                 |        |               |                |                                                                                       |                                                                                       |               |          |              |
| Dr                                                                                    | C JARRY | 13/05/02   | ANGULAR                                                                                         | LINEAR | 0.X           | ±0.3           | size                                                                                  | Scale                                                                                 |               |          |              |
| Eng                                                                                   | -       | -          |                                                                                                 |        | 0.XX          | ±0.1           | A3                                                                                    | 10/1                                                                                  |               |          |              |
| Chr                                                                                   | -       | -          |                                                                                                 |        | 0°            | ±2°            | 0.XXX                                                                                 | ±0.05                                                                                 | ECN           | 111-0003 |              |
| Appr                                                                                  | -       | -          | Product family                                                                                  |        |               | 8656           | Spec ref                                                                              |                                                                                       |               |          |              |
|  |         | title      |                                                                                                 |        |               | CRIMP CONTACTS |                                                                                       | dwg no                                                                                | C01-8656-1525 | Rev<br>J |              |
|                                                                                       |         | catalog no |                                                                                                 |        |               | -              | customer                                                                              |                                                                                       |               |          | sheet 2 of 2 |
|                                                                                       |         |            |                                                                                                 |        |               |                |                                                                                       |                                                                                       |               |          |              |

REV F - 2006-04-17

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