

PRODUCT DESCRIPTION CODE:

10142348-0XX

LF

RoHS COMPATIBLE

CUSTOMER CODE:

BLANK = GENERAL USE

V = CUSTOMER DEDICATED PART

M = CUSTOMER DEDICATED PART

PACKAGING :

BLANK = BULK

BLANK = WITH CPA

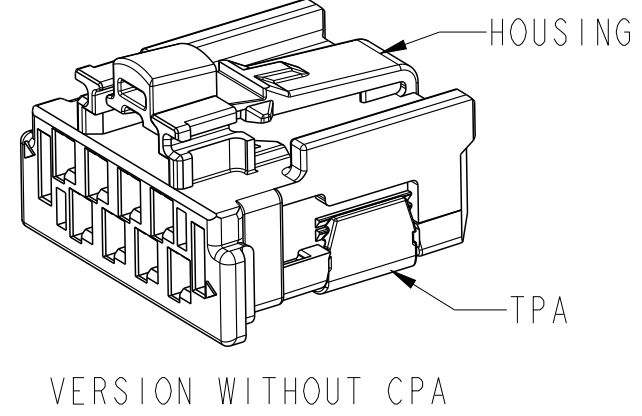
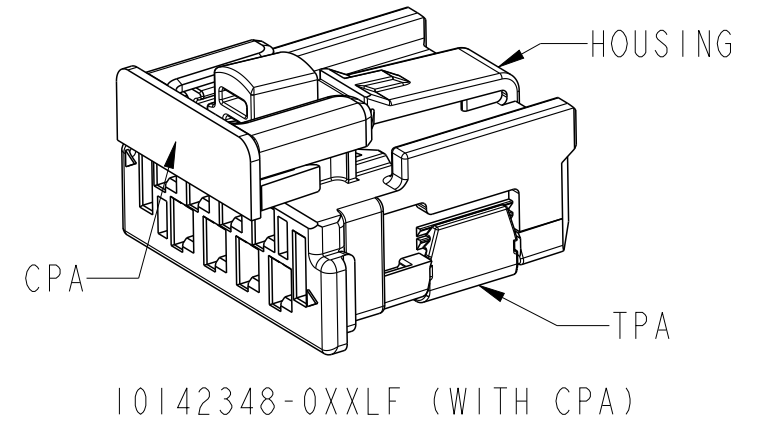
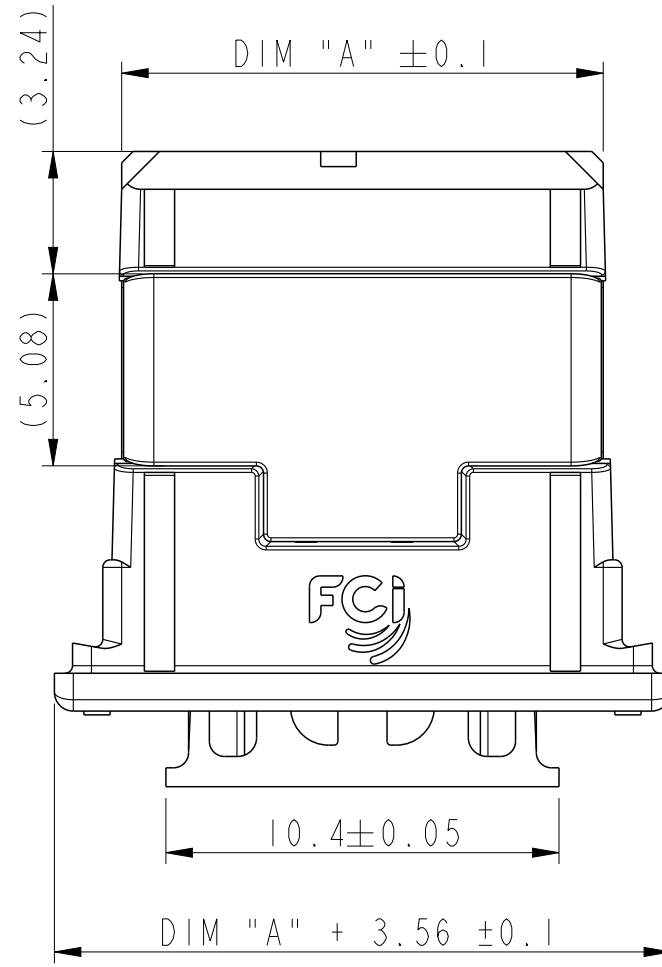
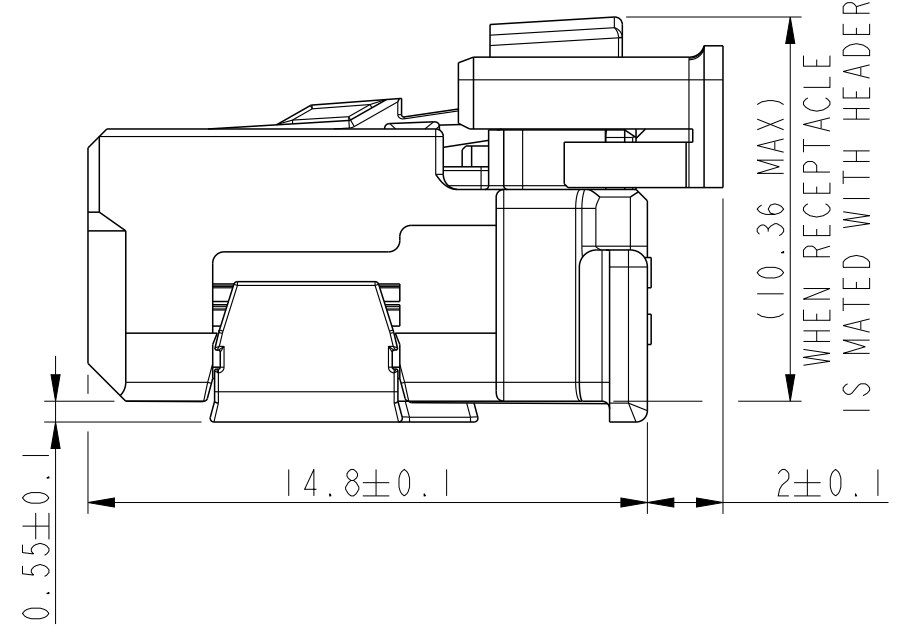
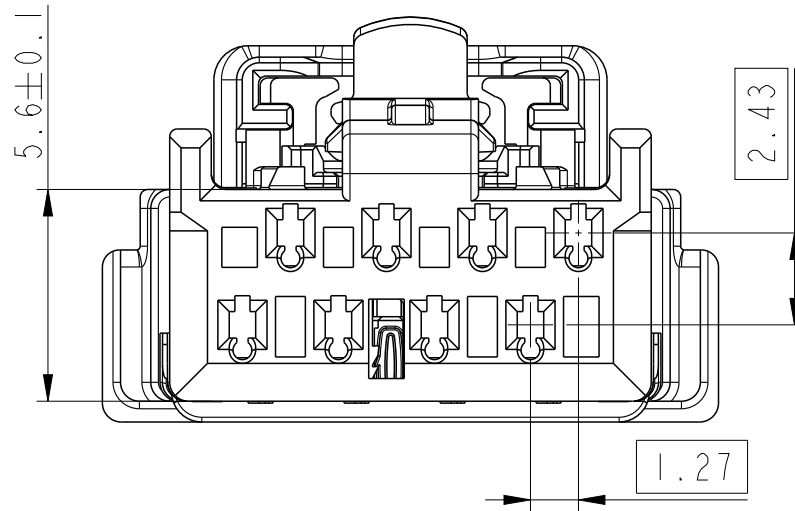
W = WITHOUT CPA

NUMBER OF POSITIONS : 04 TO 16

MATERIAL

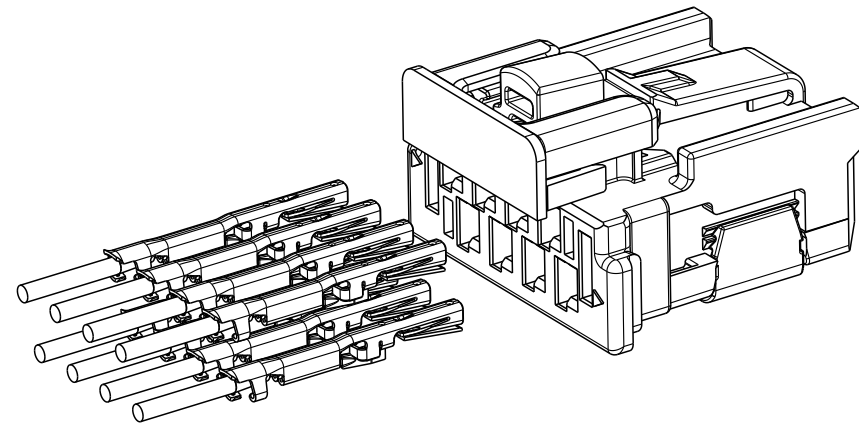
NOTES:

- 1 - MATERIAL:  
HIGH TEMPERATURE THERMOPLASTIC  
COLOR BLACK UL94 V-0
- 2 - FOR USE WITH MINITEK  $\mu$ SPACE CTW TERMINALS :  
AWG 22 TO AWG 28, SERIES 10141272 & 10148496
- 3 - TO BE MATED WITH MINITEK  $\mu$ SPACE HEADERS SERIES  
10142344 / 10143535
- 4 - THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO ANY  
SOLDER PROCESS.
- 5 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - a - LABELLING :  
MEETS PACKAGING SPECS AS PER GS-14-920
  - b - LEGAL STATEMENT :  
SEE GS-47-0004.

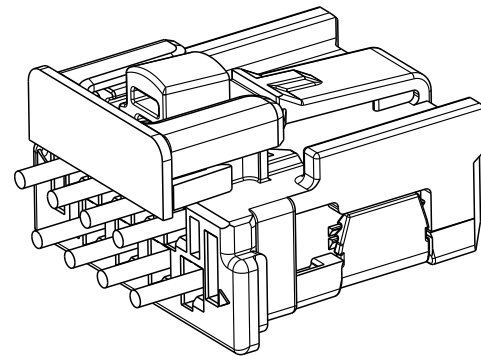


PRE-LOAD CONFIGURATION : DELIVERED STATUS

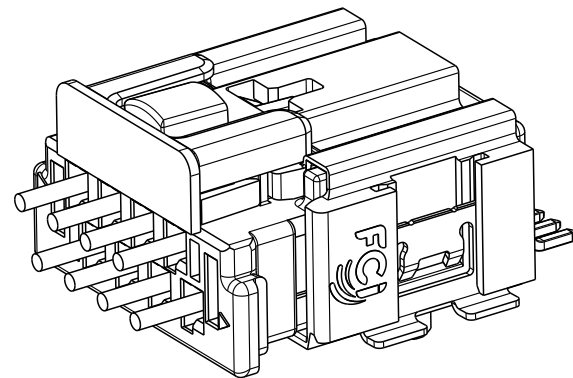
|               |                                       |            |         |        |  |                                                                                       |            |                                                                                       |                                                                                       |                      |  |                |       |                        |     |              |  |   |
|---------------|---------------------------------------|------------|---------|--------|--|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------|--|----------------|-------|------------------------|-----|--------------|--|---|
| spec ref      |                                       | GS-12-1422 |         | dr     |  | Mohan, Dinil V                                                                        | 2018/07/10 |  |  | size                 |  | A3             | scale |                        | 5:1 |              |  |   |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |            |         | eng    |  | Detouillon, Da                                                                        | 2026/03/31 |                                                                                       |                                                                                       | ecn no               |  | ELX-F-284676-1 |       |                        |     |              |  |   |
|               |                                       |            |         | chr    |  | -                                                                                     | -          |                                                                                       |                                                                                       | rel lev PDF Released |  |                |       |                        |     |              |  |   |
|               |                                       |            |         | appr   |  | Lamy, Alexandr                                                                        | 2026/03/31 |                                                                                       |                                                                                       |                      |  |                |       |                        |     |              |  |   |
| ISO 406       |                                       |            |         |        |  |                                                                                       |            | product family                                                                        |                                                                                       | -                    |  |                |       |                        |     |              |  |   |
| ISO 1101      |                                       |            |         |        |  |                                                                                       |            |                                                                                       |                                                                                       |                      |  |                |       |                        |     |              |  |   |
| surface       | linear                                | 0.X        |         | ±0.3   |  |  |            | title                                                                                 |                                                                                       | RECEPTACLE ASSEMBLY  |  | dwg no         |       | 10142348               |     | rev          |  | F |
|               |                                       | 0.XX       |         | ±0.10  |  |                                                                                       |            |                                                                                       |                                                                                       |                      |  |                |       |                        |     |              |  |   |
|               |                                       | 0.XXX      |         | ±0.005 |  |                                                                                       |            |                                                                                       |                                                                                       |                      |  |                |       |                        |     |              |  |   |
|               | ISO 1302                              |            | angular | 0°     |  | ±2°                                                                                   |            |                                                                                       |                                                                                       | cat. no.             |  | -              |       | Product - Customer Drw |     | sheet 1 of 3 |  |   |



PRE-LOAD CONFIGURATION FOR TERMINAL INSERTION

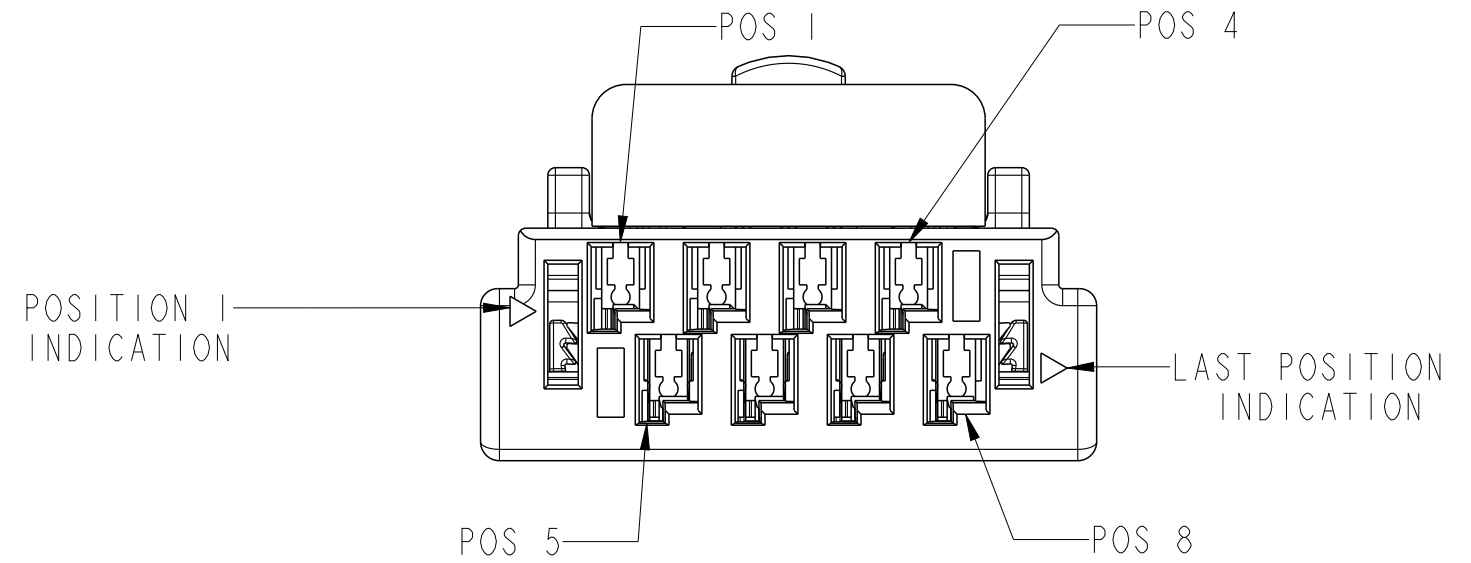


FINAL LOAD CONFIGURATION WITH INSERTED TERMINAL



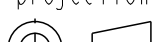
FULL HEADER AND RECEPTACLE ASSEMBLY CONFIGURATION

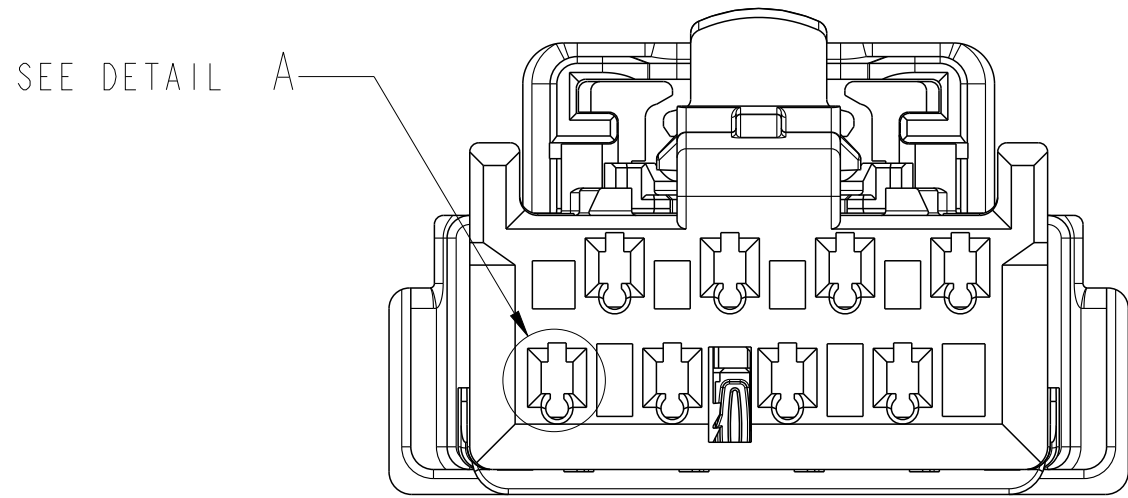
| PART NO.       | NO. OF POSN | DIM "A" |
|----------------|-------------|---------|
| 10142348-004LF | 04          | 7.66    |
| 10142348-005LF | 05          | 8.93    |
| 10142348-006LF | 06          | 10.20   |
| 10142348-007LF | 07          | 11.47   |
| 10142348-008LF | 08          | 12.74   |
| 10142348-009LF | 09          | 14.01   |
| 10142348-010LF | 10          | 15.28   |
| 10142348-011LF | 11          | 16.55   |
| 10142348-012LF | 12          | 17.82   |
| 10142348-013LF | 13          | 19.09   |
| 10142348-014LF | 14          | 20.36   |
| 10142348-015LF | 15          | 21.63   |
| 10142348-016LF | 16          | 22.90   |



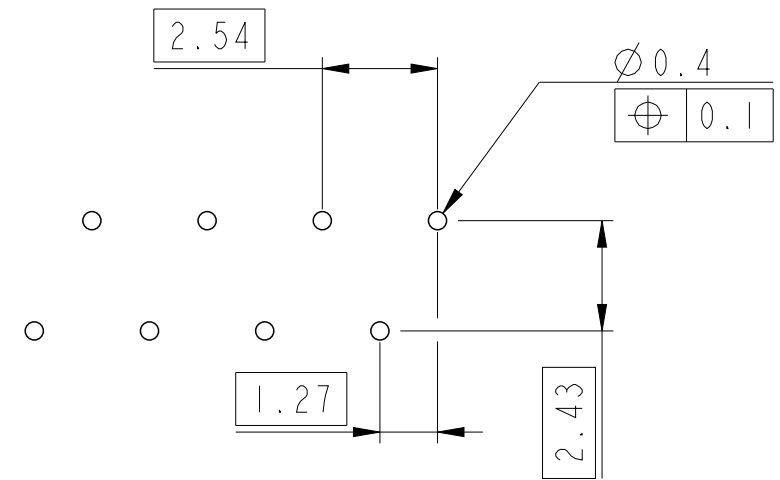
POSITION NUMBER INDICATION FOR 8POS VERSION

SCALE 5:1

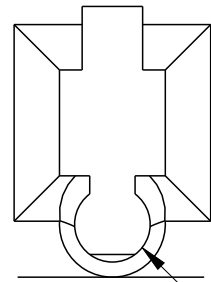
|               |                                                                                       |            |       |        |                |                                    |            |                                                                                       |                                                                                       |                |           |              |          |  |     |
|---------------|---------------------------------------------------------------------------------------|------------|-------|--------|----------------|------------------------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|-----------|--------------|----------|--|-----|
| spec ref      |                                                                                       | GS-12-1422 |       |        | dr             | Mohan, Dinil V                     | 2018/07/10 |  |  | size           | A3        | scale        | 4:1      |  |     |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |            |       | eng    | Detouillon, Da | 2026/03/31                         | ecn no     |                                                                                       |                                                                                       | ELX-F-284676-1 |           |              |          |  |     |
|               |                                                                                       |            |       | chr    | -              | -                                  |            |                                                                                       |                                                                                       |                |           |              |          |  |     |
| ISO 406       |                                                                                       |            |       |        | appr           | Lamy, Alexandr                     | 2026/03/31 | product family                                                                        |                                                                                       | -              | rel level | PDF          | Released |  |     |
| surface       |  | linear     | 0.X   | ±0.3   | Amphenol FCI   | title                              |            |                                                                                       | RECEPTACLE ASSEMBLY                                                                   |                |           | dwg no       | 10142348 |  | rev |
|               |                                                                                       |            | 0.XX  | ±0.10  |                |                                    |            |                                                                                       |                                                                                       |                |           |              |          |  |     |
|               |                                                                                       |            | 0.XXX | ±0.005 |                | MINITEK μSPACE STAGGERED TOP LATCH |            |                                                                                       |                                                                                       |                |           |              |          |  |     |
| ISO 1302      |                                                                                       | angular    | 0°    | ±2°    |                | cat. no.                           |            | -                                                                                     | Product - Customer Drw                                                                |                |           | sheet 2 of 3 |          |  |     |



TEST PROBE  $\varnothing 0.4\text{mm}$  COMPLIANCE

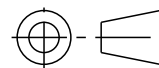


RECOMMENDED LAYOUT OF TEST PROBE  $\varnothing 0.4\text{mm}$



HOLE FOR TEST PROBE

DETAIL A  
SCALE 20:1

|               |                                       |            |        |                                                                                       |                                    |                |            |                                                                                       |                                                                                       |                |    |       |                        |
|---------------|---------------------------------------|------------|--------|---------------------------------------------------------------------------------------|------------------------------------|----------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|----|-------|------------------------|
| spec ref      |                                       | GS-12-1422 |        |                                                                                       | dr                                 | Mohan, Dinil V | 2018/07/10 |  |  | size           | A3 | scale | 6:1                    |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |            |        | eng                                                                                   | Detouillon, Da                     | 2026/03/31     | ecn no     |                                                                                       |                                                                                       | ELX-F-284676-1 |    |       |                        |
|               |                                       |            |        | chr                                                                                   | -                                  | -              |            |                                                                                       |                                                                                       |                |    |       |                        |
|               |                                       |            |        | appr                                                                                  | Lamy, Alexandr                     | 2026/03/31     |            |                                                                                       |                                                                                       |                |    |       | product family         |
| surface       | linear                                | 0.X        | ±0.3   |  | title                              |                |            |                                                                                       | dwg no                                                                                | 10142348       |    | rev   |                        |
|               |                                       | 0.XX       | ±0.10  |                                                                                       |                                    |                |            |                                                                                       |                                                                                       |                |    |       |                        |
|               |                                       | 0.XXX      | ±0.005 |                                                                                       | MINITEK μSPACE STAGGERED TOP LATCH |                |            |                                                                                       |                                                                                       |                |    |       |                        |
|               | angular                               | 0°         | ±2°    |                                                                                       |                                    |                |            |                                                                                       |                                                                                       | cat. no.       | -  |       | Product - Customer Drw |
| ISO 406       |                                       |            |        |                                                                                       |                                    |                |            |                                                                                       |                                                                                       |                |    |       |                        |
| ISO 1101      |                                       |            |        |                                                                                       |                                    |                |            |                                                                                       |                                                                                       |                |    |       |                        |
| ISO 1302      |                                       |            |        |                                                                                       |                                    |                |            |                                                                                       |                                                                                       |                |    |       |                        |