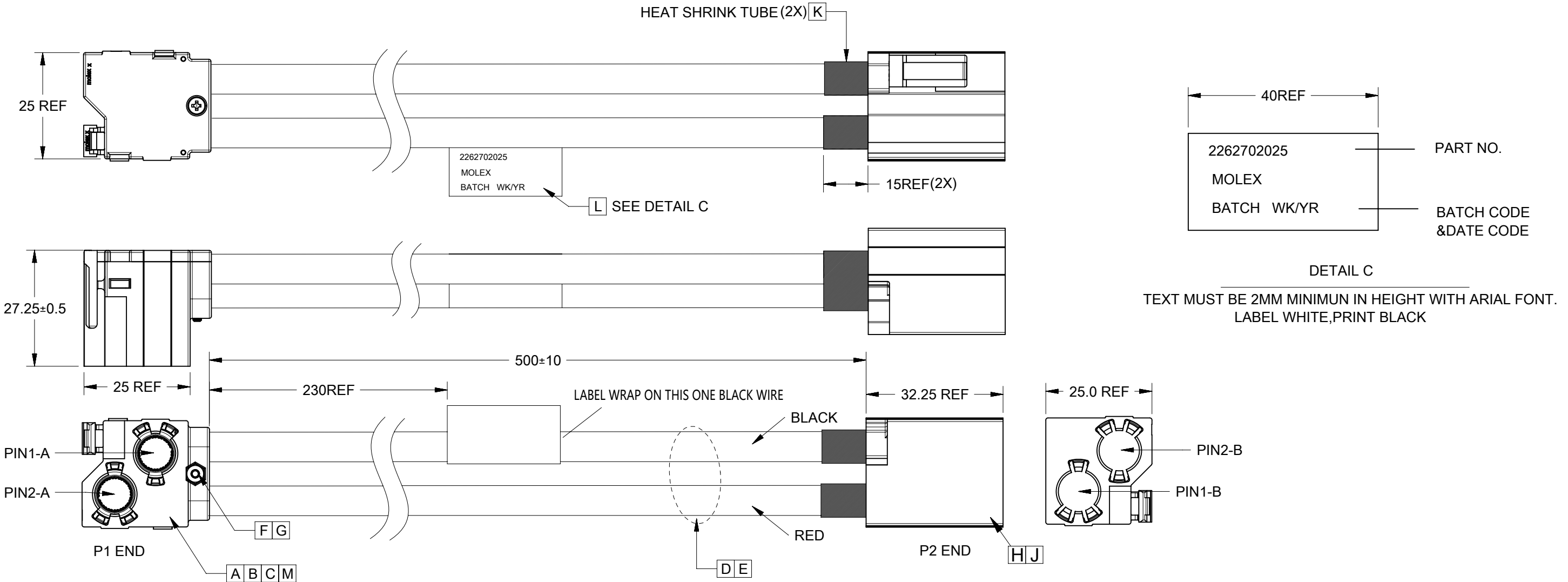


| REVISIONS |            |     |                                                          |         |
|-----------|------------|-----|----------------------------------------------------------|---------|
| EC NO     | DATE       | REV | DESCRIPTION                                              | CHANGER |
|           | 2024.01.08 | A   | INITIAL RELEASE                                          | HENRY   |
|           | 2024.2.20  | B   | CHANGE DOCUMENT STATUS FROM RESTRICTED TO GENERAL MARKET | HENRY   |



| PIN ASSIGNATION |             |
|-----------------|-------------|
| CONNECTIONS     | WIRE COLORS |
| PIN 1-A↔PIN 2-B | BLACK*2     |
| PIN 2-A↔PIN 1-B | RED*2       |

|      |                                                    |       |      |
|------|----------------------------------------------------|-------|------|
| M    | Polyester film tape 3M #56 W=1/4" HF               | A/R   |      |
| L    | Blank label 40x60mm                                |       | 1    |
| K    | HST OD14MM BLACK HF Zero red phosphorus            | A/R   |      |
| J    | VERTICAL TERMINAL                                  |       | 2    |
| H    | VERTICAL Housing 2ckts                             |       | 1    |
| G    | NUT M2, 4X1.5MM                                    |       | 1    |
| F    | SCREW M2,15X4MM                                    |       | 1    |
| E    | Wire, UL3132, 6AWG, Red, Silicone, high flexible   | A/R   |      |
| D    | Wire, UL3132, 6AWG, Black, Silicone, high flexible | A/R   |      |
| C    | C-Lok terminal                                     |       | 2    |
| B    | C-Lok Cover                                        |       | 1    |
| A    | C-Lok Housing 2ckts                                |       | 1    |
| ITEM | DESCRIPTION                                        | L(mm) | Q'TY |

NOTES:

- MATERIALS:  
BASE METAL: HIGH CONDUCTIVE COPPER ALLOY  
PLATING ON CONTACTS: 0.75 MICRON MIN GOLD OVER 1.27 MICRON MIN NICKEL  
PLATING ON BODY: 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL  
HOUSING PLASTIC: NYLON PA66 LOW-HALOGEN COMPLIANT
- MATES WITH PCB HEADER: 2185670001, REFERENCE 2185670001-SD
- PRODUCT SPECIFICATION: 2185650002-PS
- 6AWG HYPERFLEX WIRE UL 3132 LOW-HALOGEN COMPLIANT .
- THIS PRODUCT IS IN COMPLIANCE WITH 2015/863 EU ROHS.
- THIS PRODUCT LOW-HALOGEN COMPLIANT  
BROMINE LESS THAN 900ppm PER HOMOGENEOUS MATERIAL  
CHLORINE LESS THAN 900ppm PER HOMOGENEOUS MATERIAL  
THE SUM OF BROMINE AND CHLORINE LESS THAN 1500ppm  
PER HOMOGENEOUS MATERIAL
- STICK UL LABEL ON THE OURSIDE OF CARTON.
- THERE ARE CAVITY NUMBER(MOLEX X) ON HOUSING AND COVER,  
CAVITY NUMBER:MOLEX X, X MEANS 1,2....A,B....

| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |                        |                          |         |  |        |  |        |                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------------------------|--------------------------|---------|--|--------|--|--------|-----------------------------------|
|                                                      | DIMENSION UNITS                                                                                                                               |  | SCALE |                        | CURRENT REV DESC:        |         |  |        |  |        |                                   |
| <div>FA=0</div>                                      | mm                                                                                                                                            |  | NTS   |                        |                          |         |  |        |  |        | ULTRAWIZE 8.00MM RA-VT 6AWG 500MM |
| <div>FE=0</div>                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |                        | PRODUCT CUSTOMER DRAWING |         |  |        |  |        |                                   |
| <div>FF=0</div>                                      | ANGULAR TOL ± °                                                                                                                               |  |       |                        |                          |         |  |        |  |        | INITIAL REVISION:                 |
| DIVISIONAL SYMBOLS                                   | 4 PLACES                                                                                                                                      |  | ±     |                        | DOCUMENT NUMBER          |         |  |        |  |        |                                   |
|                                                      | 3 PLACES                                                                                                                                      |  | ±     |                        |                          |         |  |        |  |        | 2262702025                        |
|                                                      | 2 PLACES                                                                                                                                      |  | ±     |                        | DOC TYPE                 |         |  |        |  |        |                                   |
|                                                      | 1 PLACE                                                                                                                                       |  | ±     |                        |                          |         |  |        |  |        | PSD                               |
|                                                      | 0 PLACES                                                                                                                                      |  | ±     |                        | DOC PART                 |         |  |        |  |        |                                   |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |  |       | THIRD ANGLE PROJECTION |                          |         |  |        |  |        | DRAWING                           |
|                                                      |                                                                                                                                               |  |       |                        |                          | A3-SIZE |  | 226270 |  | 1 OF 1 |                                   |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/02/27 | 01:55:58 |
|-----------------|----|--------------|------------|----------|