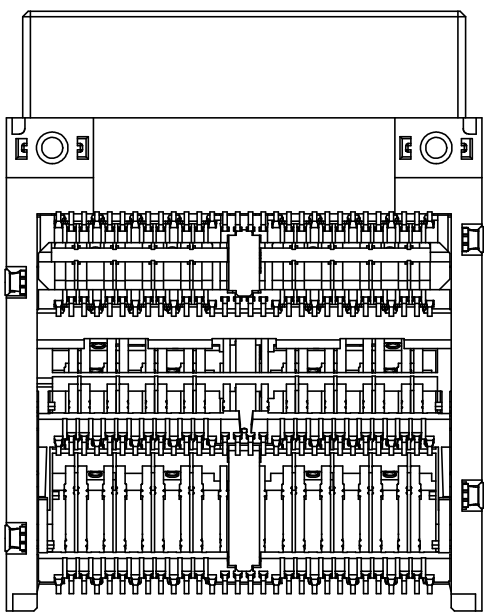


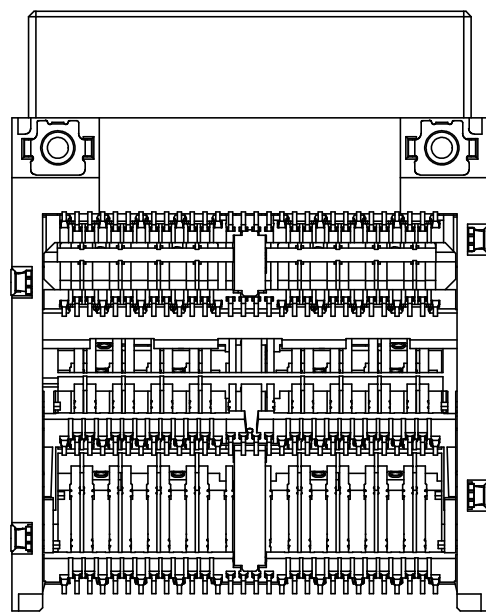
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H  
G  
F  
E  
D  
C  
B  
A

12 11 10 9 8 7 6 5 4 3 2 1

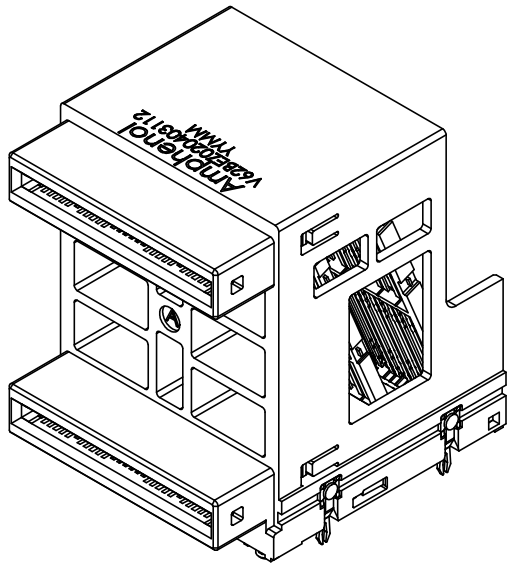


XV62-BEZ02-043102  
(WITHOUT SOLDER RING  
AND WITH ANCHOR PINS)



XV62-BEZ02-043112  
(WITH SOLDER RING  
AND WITH ANCHOR PINS)

| REVISIONS |                                  |            |            |
|-----------|----------------------------------|------------|------------|
| REV.      | DESCRIPTION/ECN                  | DATE       | APPROVED   |
| I         | INITIAL RELEASE                  | 2024-06-27 | D. LAZURAN |
| A         | PRODUCTION RELEASE               | 2025-01-06 | D. LAZURAN |
| B         | ADD UPPER PORT HIGH POWER OPTION | 2025/6/29  | D.LAZURAN  |

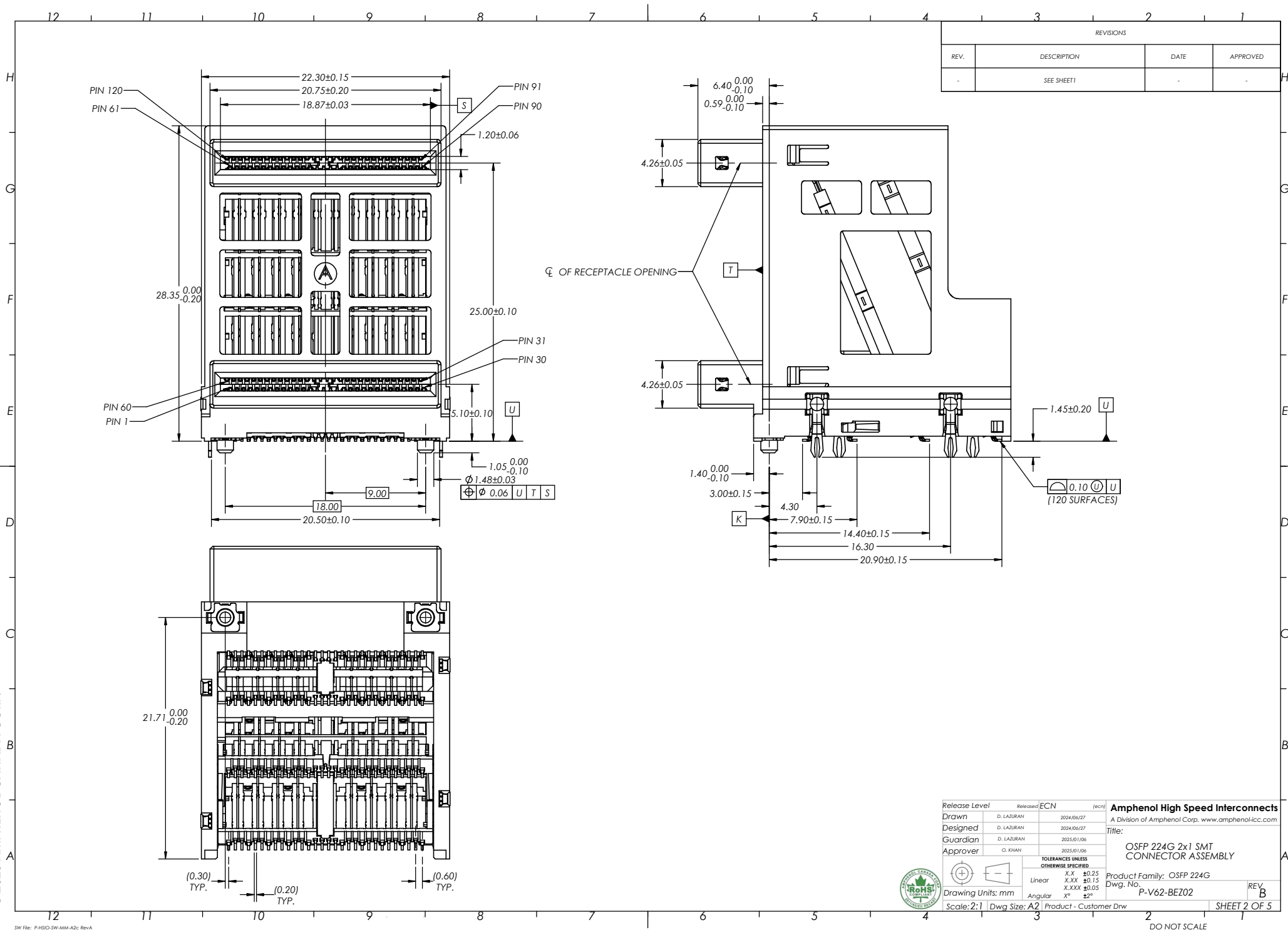


AMPHENOL PART NUMBER CONFIGURATION:  
V62-BEZ02-04X31X2

- PACKAGING  
2 = HARD TRAY PACKAGING
- SOLDER RING CONFIGURATION:  
0 = WITHOUT SOLDER RING  
1 = WITH SOLDER RING
- ANCHOR PIN CONFIGURATION:  
T = WITH ANCHOR PIN
- UPPER PORT HIGHT POWER OPTION:  
0 = STANDARD  
1 = HIGH POWER UPPER PORT
- PLATING OPTION:  
3 = 30u" (0.76um) GOLD AT MATING AREA  
100~300u" (2.54-7.62um) MATTE TIN ON TERMINATION OVER  
50u" (1.27um) MIN NICKEL UNDER LAYER



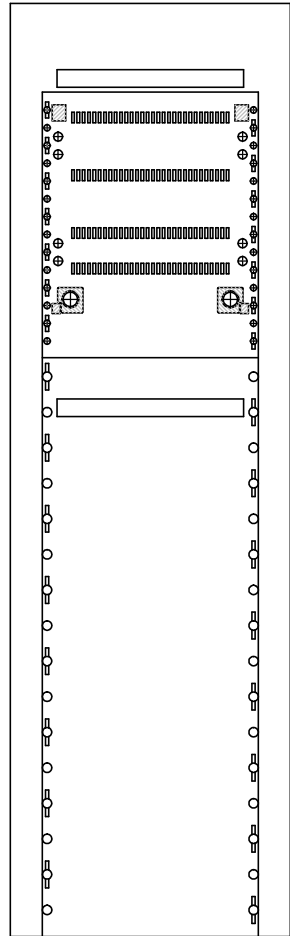
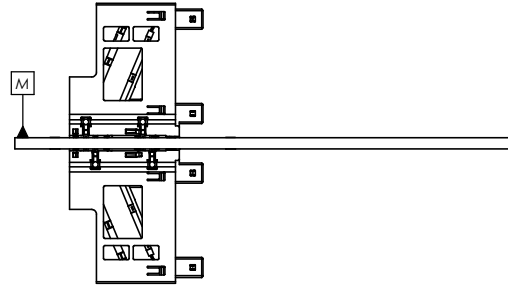
|               |            |            |       |                                                   |  |
|---------------|------------|------------|-------|---------------------------------------------------|--|
| Release Level | Released   | ECN        | (ecn) | <b>Amphenol High Speed Interconnects</b>          |  |
| Drawn         | D. LAZURAN | 2024/06/27 |       | A Division of Amphenol Corp. www.amphenol-hcc.com |  |
| Designed      | D. LAZURAN | 2024/06/27 |       | Title:                                            |  |
| Guardian      | D. LAZURAN | 2025/01/06 |       | OSFP 224G 2x1 SMT CONNECTOR ASSEMBLY              |  |
| Approver      | O. KHAN    | 2025/01/06 |       | Product Family: OSFP 224G                         |  |
|               |            |            |       | Dwg. No. P-V62-BEZ02                              |  |
|               |            |            |       | REV B                                             |  |
|               |            |            |       | SHEET 1 OF 5                                      |  |



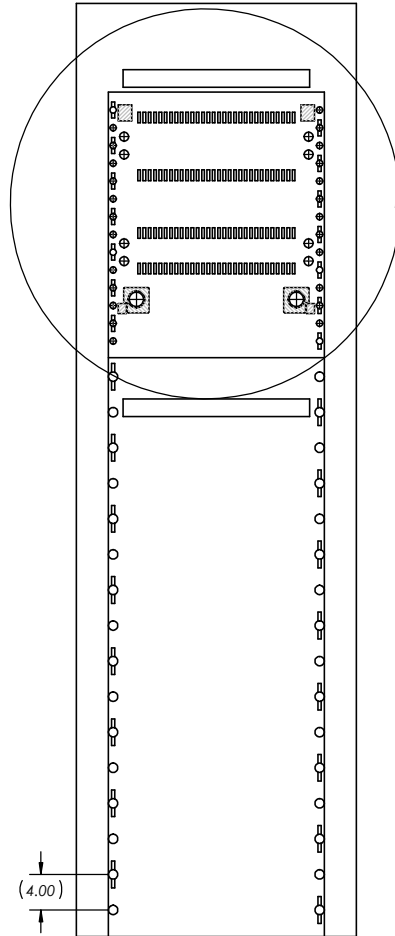
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|---------------------------------------------------------------------------------------|------------|----------------------------------------|------------|--------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--|
| Release Level                                                                         |            | Revision                               |            | ECN          |                                                                                               | [ecrn]                                                                                                                 |  |
| Drawn                                                                                 | D. LAZURAN | Release Date                           | 2024/06/27 |              | <b>Amphenol High Speed Interconnects</b><br>A Division of Amphenol Corp. www.amphenol-hsc.com |                                                                                                                        |  |
| Designed                                                                              | D. LAZURAN | Release Date                           | 2024/06/27 |              |                                                                                               |                                                                                                                        |  |
| Guardian                                                                              | D. LAZURAN | Release Date                           | 2025/01/06 |              |                                                                                               |                                                                                                                        |  |
| Approver                                                                              | O. KHAN    | Release Date                           | 2025/01/06 |              |                                                                                               |                                                                                                                        |  |
|  |            | TOLERANCES UNLESS OTHERWISE SPECIFIED: |            |              |                                                                                               | <b>OSFP 224G 2x1 SMT<br/>CONNECTOR ASSEMBLY</b><br><br><b>Product Family: OSFP 224G</b><br><b>Dwg. No. P-V62-BE202</b> |  |
|                                                                                       |            | Linear                                 |            | X.XX ±0.25   |                                                                                               |                                                                                                                        |  |
|                                                                                       |            | X.XXX ±0.15                            |            | X.XXX ±0.05  |                                                                                               |                                                                                                                        |  |
|                                                                                       |            | Angular                                |            | X° X' X"     |                                                                                               |                                                                                                                        |  |
| Drawing Units: mm                                                                     |            | Scale: 2:1                             |            | Dwg Size: A2 |                                                                                               | Product - Customer Drw                                                                                                 |  |
|                                                                                       |            |                                        |            |              |                                                                                               | SHEET 3 OF 5                                                                                                           |  |

# BELLY-TO-BELLY APPLICATION

| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV.      | DESCRIPTION | DATE | APPROVED |
| -         | SEE SHEET 1 | -    | -        |



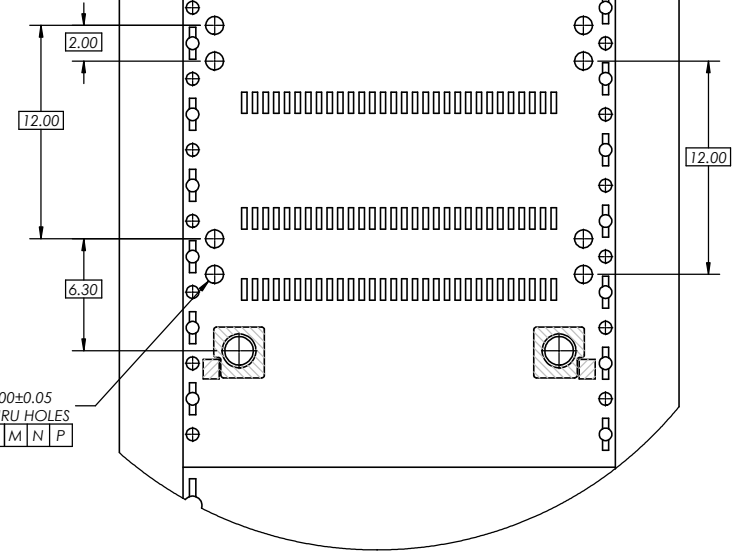
2.10  
MIN



(4.00)

FOR ALL OTHER DIMENSIONS SEE SINGLE SIDE CONFIGURATION

4 x  $\phi 1.00 \pm 0.05$   
PLATED THRU HOLES  
 $\phi 0.05$  M N P



DETAIL D  
SCALE 5 : 1

|                                                |            |            |       |                                                                                                                                                                                                                   |
|------------------------------------------------|------------|------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Release Level                                  | Released   | ECN        | (ecr) | <b>Amphenol High Speed Interconnects</b><br>A Division of Amphenol Corp. www.amphenol-hcc.com<br>Title:<br>OSFP 224G 2x1 SMT<br>CONNECTOR ASSEMBLY<br>Product Family: OSFP 224G<br>Dwg. No. P-V62-BE202<br>REV. B |
| Drawn                                          | D. LAZURAN | 2024/06/27 |       |                                                                                                                                                                                                                   |
| Designed                                       | D. LAZURAN | 2024/06/27 |       |                                                                                                                                                                                                                   |
| Guardian                                       | D. LAZURAN | 2025/01/06 |       |                                                                                                                                                                                                                   |
| Approver                                       | O. KHAN    | 2025/01/06 |       |                                                                                                                                                                                                                   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:         |            |            |       |                                                                                                                                                                                                                   |
| Linear                                         |            |            |       | X.X $\pm 0.25$<br>X.XX $\pm 0.15$<br>X.XXX $\pm 0.05$                                                                                                                                                             |
| Angular                                        |            |            |       | X°<br>X' X"                                                                                                                                                                                                       |
| Drawing Units: mm                              |            |            |       |                                                                                                                                                                                                                   |
| Scale: 2:1 Dwg Size: A2 Product - Customer Dwg |            |            |       |                                                                                                                                                                                                                   |



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12 11 10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIAL:  
HOUSING: REFLOW COMPATIBLE LCP, UL 94 V-0  
CONTACTS: COPPER ALLOY  
FINISH: SEE PART NUMBER CONFIGURATION
2. PERFORMANCE:
3. RoHS COMPLIANT.
4. COMPLIES WITH MSA OSFP Rev 5.1
5. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV.      | DESCRIPTION | DATE | APPROVED |
| -         | SEE SHEET 1 | -    | -        |

PRELIMINARY  
DESIGN CHANGE WITHOUT NOTICE

|                                                                                                                                                                             |            |            |        |                                                                                                                                                                                                                                                                                              |       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| Release Level                                                                                                                                                               | Released   | ECN        | (ecnt) | <b>Amphenol High Speed Interconnects</b><br>A Division of Amphenol Corp. <a href="http://www.amphenol-hcc.com">www.amphenol-hcc.com</a><br>Title:<br><br><b>OSFP 224G 2x1 SMT<br/>CONNECTOR ASSEMBLY</b><br><br>Product Family: OSFP 224G<br>Dwg. No. <b>P-V62-BE202</b><br><br>REV <b>B</b> |       |  |
| Drawn                                                                                                                                                                       | D. LAZURAN | 2024/06/27 |        |                                                                                                                                                                                                                                                                                              |       |  |
| Designed                                                                                                                                                                    | D. LAZURAN | 2024/06/27 |        |                                                                                                                                                                                                                                                                                              |       |  |
| Guardian                                                                                                                                                                    | D. LAZURAN | 2025/01/06 |        |                                                                                                                                                                                                                                                                                              |       |  |
| Approver                                                                                                                                                                    | O. KHAN    | 2025/01/06 |        |                                                                                                                                                                                                                                                                                              |       |  |
|   |            |            |        | <div></div>                                                                                                                                                                                                                                                                                  |       |  |
| Drawing Units: mm                                                                                                                                                           |            |            |        |                                                                                                                                                                                                                                                                                              |       |  |
| Scale: 1:1 Dwg Size: A2 Product - Customer Dwg                                                                                                                              |            |            |        |                                                                                                                                                                                                                                                                                              |       |  |
|                                                                                                                                                                             |            |            |        |                                                                                                                                                                                                                                                                                              |       |  |
| <b>TOLERANCES UNLESS OTHERWISE SPECIFIED:</b>                                                                                                                               |            |            |        |                                                                                                                                                                                                                                                                                              |       |  |
| Linear                                                                                                                                                                      |            |            |        | X.X                                                                                                                                                                                                                                                                                          | ±0.25 |  |
|                                                                                                                                                                             |            |            |        | X.XX                                                                                                                                                                                                                                                                                         | ±0.15 |  |
|                                                                                                                                                                             |            |            |        | X.XXX                                                                                                                                                                                                                                                                                        | ±0.05 |  |
| Angular                                                                                                                                                                     |            |            |        | X°                                                                                                                                                                                                                                                                                           | ±2°   |  |