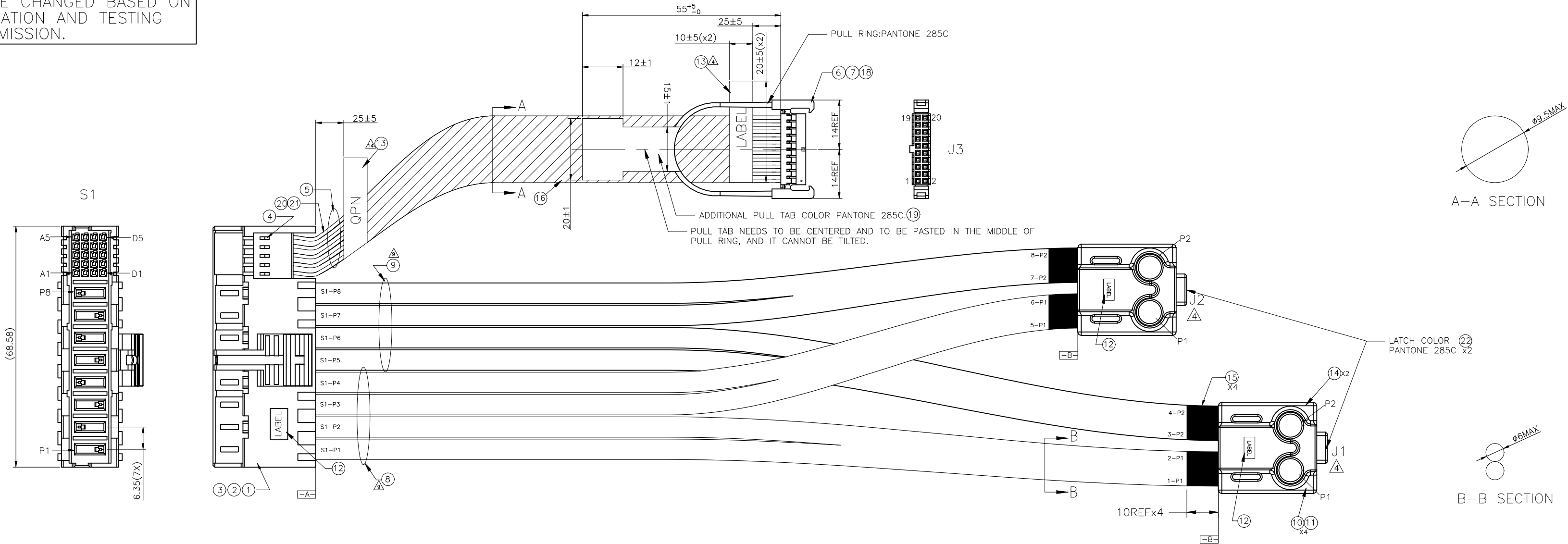


PROPOSAL DRAWING

THIS PRINT IS  
PRELIMINARY  
UNQUALIFIED PRODUCT  
THESE SPEC MAY BE CHANGED BASED ON  
ADDITIONAL INVESTIGATION AND TESTING  
WITHOUT YOUR PERMISSION.

REVISIONS

| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
| 9 |     | PULL TAB POSITION DEFINED | 27JUN2023 | SB  | WY   |



|                    |             |           |
|--------------------|-------------|-----------|
| M1278323-001 REV B | DD0T6HPBD00 | 2443896-3 |
| M1278362-001 REV B | DD0T6HPBC00 | 2443896-2 |
| M1278361-001 REV B | DD0T6HPBB00 | 2443896-1 |
| MSFT PN REV.       | QPN         | TEPN      |

NOTES:

- 100% OPEN,SHORT,MIS-WIRE TEST,HI-POT
- NON-HALOGEN FREE
- ALL LABELS CAN BE ATTACHED TO WIRES BACK TO BACK OR WRAP AROUND BULK CABLE IF POSSIBLE
- CURRENT RATING: S1=42.5A/CONTACT, J1=85A/CONTACT, J2=85A/CONTACT, J3=0.5A/CONTACT.
- ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
- RAPID LOCK MATING TE PN: 2401467-X
- NO REACH SvHC SHALL BE CONTAINED ABOVE THE THREASHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702
- TOLERANCES DEFINED IN THE WIRING CHART MAY CHANGE AFTER THE PROCESS CAPABILITY STUDY.
- FOR THE WIRE LENGTH ALONG S1-J1 AND S1-J2, KINDLY REFER TO THE POWER WIRING CHART.
- SECONDARY LOCK COLOR WHITE OR BLACK ALL CAN BE USED
- DIMENSION MARKED WITH ■ IS KEY CHARACTERISTIC PER STANDARD OPERATIING PROCEDURE TEC-407-55
- TWIST SIGNAL WIRE C1-20 WITH D3-19 AND WRAP IT WITH CONDUCTIVE TAP ITEM 20, FOLLOWING WRAP ACETATE TAPE ITEM 21.

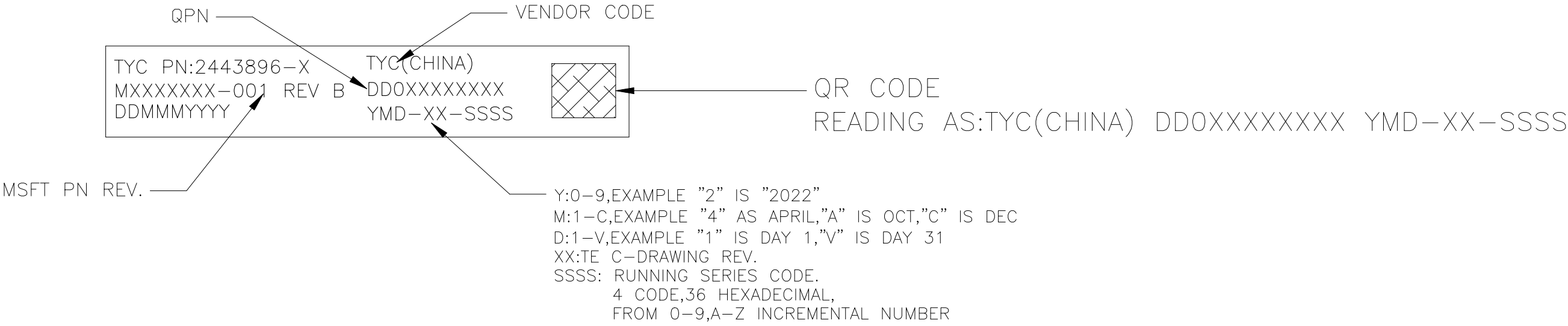
|    |    |                                                               |    |
|----|----|---------------------------------------------------------------|----|
| 2  | PC | RAPID LOCK TOP PIN LATCH                                      | 22 |
| AR | MR | ACETATE TAPE,BLACK, W=19MM,CLOTH T:175-180μ,ADHESIVE T:35-40μ | 21 |
| AR | MR | CONDUCTIVE TAPE                                               | 20 |
| 1  | PC | PULL TAB, 4C+ LATERAL,PANTONE 285C                            | 19 |
| 1  | PC | 2.00MM PITCH PULL TAB,PANTONE 285C                            | 18 |
| AR | MR | ACETATE TAPE,BLACK, W=5MM,CLOTH T:175-180μ,ADHESIVE T:35-40μ  | 17 |
| AR | MR | ACETATE TAPE,BLACK, W=50MM,CLOTH T:175-180μ,ADHESIVE T:35-40μ | 16 |
| AR | MR | HST, BLACK                                                    | 15 |
| 2  | PC | 2 POS RAPID LOCK HSG - TOP LATCH:PANTONE 285C                 | 14 |
| 2  | PC | LABEL,75*15MM,WHITE,PET                                       | 13 |
| 3  | PC | LABEL,WHITE                                                   | 12 |
| 4  | PC | CROWN CONTACT,Au 30u"                                         | 11 |
| 4  | MR | RAPID LOCK SOCKET                                             | 10 |
| AR | MR | UL3132,8AWG,RED, SILICONE RUBBER SUPER FLEXIBLE               | 9  |
| AR | MR | UL3132,8AWG,BLACK, SILICONE RUBBER SUPER FLEXIBLE             | 8  |
| 20 | PC | 2.0MM PH CON,22-26AWG,Au 30u",JCTC P/N:12012TOP-OH-G-NK       | 7  |
| 1  | PC | HSG 2*10P,JCTC P/N 12012H00-2x10PA-L3-HF                      | 6  |
| AR | MR | UL1007,WIRE,BLACK,24AWG,FLEXIBLE                              | 5  |
| 20 | PC | SIGNAL CONTACT,Au 30u"                                        | 4  |
| 8  | PC | SECONDARY LOCK, BLACK OR WHITE COLOR                          | 3  |
| 8  | PC | MB-XLE, CONTACT, STD, Au 30u"                                 | 2  |
| 1  | PC | SQUEEZE REL RECEPT ASSY                                       | 1  |

|                                         |  |                            |                             |  |      |
|-----------------------------------------|--|----------------------------|-----------------------------|--|------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN SURESH B 09DEC2022     | DESCRIPTION PSU POWER CABLE |  | ITEM |
| DIMENSIONS: mm                          |  | CHK -                      | NAME                        |  |      |
| TOLERANCES, UNLESS OTHERWISE SPECIFIED: |  | APVD WILLIAM YAO 09DEC2022 | CAGE CODE                   |  |      |
| 0 PLC ± -                               |  | PRODUCT SPEC               | DRAWING NO                  |  |      |
| 1 PLC ± -                               |  | APPLICATION SPEC           | RESTRICTED TO               |  |      |
| 2 PLC ± -                               |  | WEIGHT 0                   | A2 00779 C=2443896          |  |      |
| 3 PLC ± -                               |  | CUSTOMER DRAWING           | SCALE N.T.S                 |  |      |
| 4 PLC ± -                               |  |                            | SHEET 1 of 5                |  |      |
| ANGLES ± -                              |  |                            | REV 9                       |  |      |
| FINISH -                                |  |                            |                             |  |      |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |

13. THE CABLE ASSEMBLY SHOULD BE UL WIRING HARNESS (ZPFW2) AND RoHS2(2011/65/EU) COMPLIANT.

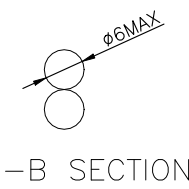
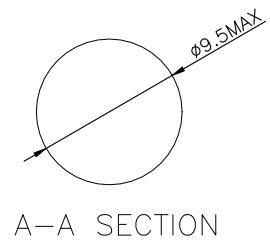
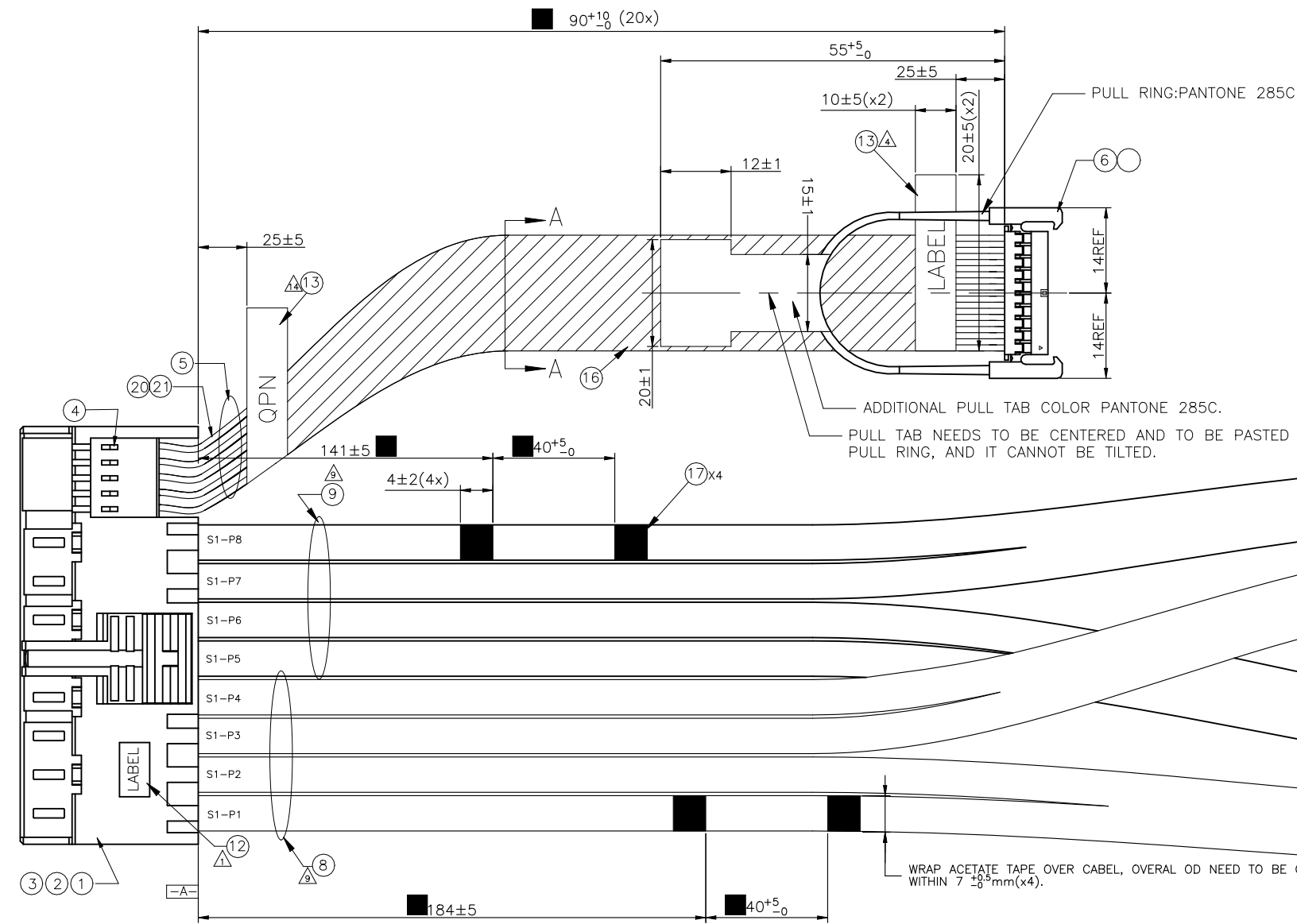
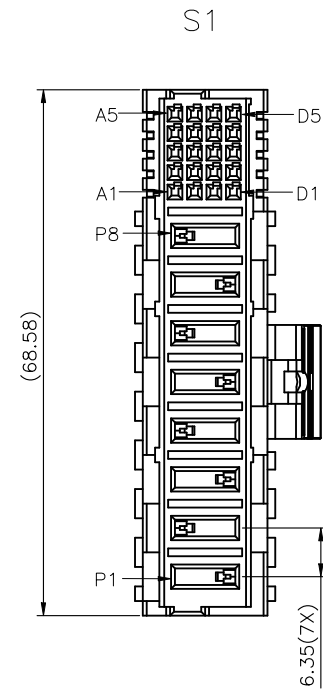
14. LABEL INFORMATION AS BELOW:



15. THE APPREARANCE OF CONNECTORS IN CABLE ASSEMBLY DRAWING IS ILLUSTRATION ONLY, REFER TO THE RESPETIVE COMPONENT DRAWING FOR DETAILS.
16. CRIMP TERMINALS MUST BE FIRMLY SECURED TO WIRE ENDS.
17. THE WIRE TERMINATION ENDS MUST BE 100% COVERED BY THE HST, NO COPPER CONNDUCTOR STRANDS VISIBLE OUT OF HST.
18. ALL PARTS MUST BE CLEAN AND FREE FROM FOREIGN MATERIAL INCLUDING DIRT, OIL, GREASE AND OTHER CONTAMINANTS.
19. THE CABLE ASSEMBLY IS UL WIRING HARNESS (ZPFW2) AND RoHS2(2011/65/EU) COMPLIANT.
20. MINUM BEND RADIUS: 5 X CABLE DIAMETER.
21. CONTACT CRIMP TENSILE STRENGTH FOLOW UL 486A.
23. CABLE ASSEMBLY TO MEET THE WORKMANSHIP STANDARD IPC 620 CLASS3.
24. ALL TE REVISION OR TE PART REVISION ARE REFER TO THE C-DRAWING REVISION IN THE PN TABLE.

|                                                                                       |  |                                         |  |                                                                                                            |  |                    |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>SURESH B<br>09DEC2022            |  |  TE Connectivity Ltd. |  |                    |  |
|                                                                                       |  | CHK<br>—                                |  |                                                                                                            |  |                    |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED: |  | APVD<br>WILLIAM YAO<br>09DEC2022                                                                           |  | NAME               |  |
|  |  | 0 PLC ± —                               |  | PRODUCT SPEC                                                                                               |  | PSU POWER CABLE    |  |
|                                                                                       |  | 1 PLC ± —                               |  | —                                                                                                          |  | —                  |  |
|                                                                                       |  | 2 PLC ± —                               |  | —                                                                                                          |  | —                  |  |
| MATERIAL<br>—                                                                         |  | 3 PLC ± —                               |  | APPLICATION SPEC                                                                                           |  | SIZE               |  |
|                                                                                       |  | 4 PLC ± —                               |  | —                                                                                                          |  | CAGE CODE          |  |
|                                                                                       |  | ANGLES ± —                              |  | —                                                                                                          |  | DRAWING NO         |  |
| FINISH<br>—                                                                           |  | WEIGHT<br>0                             |  | A2 00779                                                                                                   |  | RESTRICTED TO<br>— |  |
| CUSTOMER DRAWING                                                                      |  |                                         |  | SCALE<br>N.T.S                                                                                             |  | SHEET<br>2 of 5    |  |
|                                                                                       |  |                                         |  |                                                                                                            |  | REV<br>9           |  |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| —         | —   | SEE SHEET 1 | —    | —   | —    |



8 9 POWER WIRING CHART:

|        | S1    | J1/J2 | LENGTH FROM DATUM A TO B         | WIRE SIZE | WIRE COLOR |
|--------|-------|-------|----------------------------------|-----------|------------|
| POWER  | S1-P8 | 8-P2  | 370 <sup>+10</sup> <sub>-0</sub> | 8AWG      | RED        |
|        | S1-P7 | 7-P2  | 390 <sup>+10</sup> <sub>-0</sub> |           | RED        |
|        | S1-P6 | 4-P2  | 465 <sup>+10</sup> <sub>-0</sub> |           | RED        |
|        | S1-P5 | 3-P2  | 485 <sup>+10</sup> <sub>-0</sub> |           | RED        |
| RETURN | S1-P4 | 6-P1  | 405 <sup>+10</sup> <sub>-0</sub> | 8AWG      | BLACK      |
|        | S1-P3 | 5-P1  | 425 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
|        | S1-P2 | 2-P1  | 495 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
|        | S1-P1 | 1-P1  | 515 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |

NOTES:

1. LABEL INFORMATION AS BELOW:

PSU1\_PWR

2. LABEL INFORMATION AS BELOW:

PSU1\_2

3. LABEL INFORMATION AS BELOW:

PSU1\_1

4. LABEL INFORMATION AS BELOW:

PSU\_MGMT1

PSU\_MGMT1

SIGNAL WIRE CHART

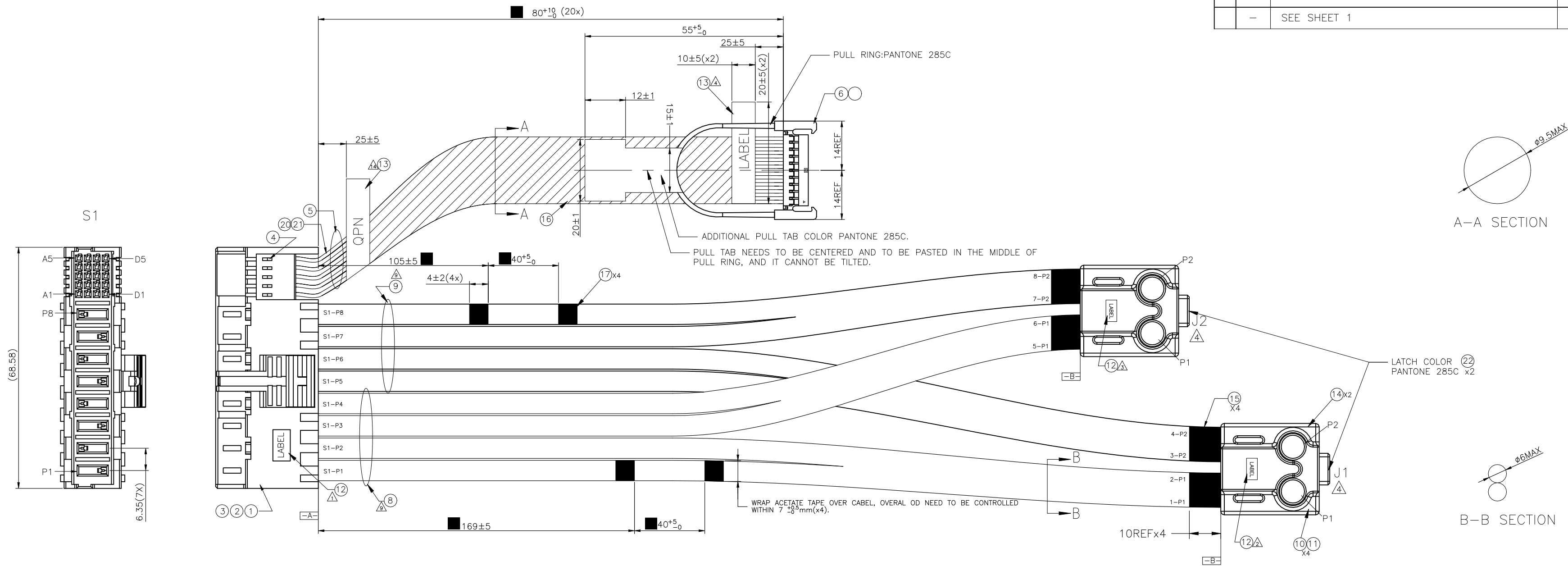
| S1 | J3 |
|----|----|
| A1 | 7  |
| A2 | 8  |
| A3 | 9  |
| A4 | 2  |
| A5 | 3  |
| B1 | 10 |
| B2 | 18 |
| B3 | 4  |
| B4 | 14 |
| B5 | 15 |
| C1 | 20 |
| C2 | 11 |
| C3 | 5  |
| C4 | 1  |
| C5 | 6  |
| D1 | 12 |
| D2 | 13 |
| D3 | 19 |
| D4 | 16 |
| D5 | 17 |

|                    |             |           |
|--------------------|-------------|-----------|
| M1278361-001 REV B | DDOT6HPBB00 | 2443896-1 |
| MSFT PN REV.       | QPN         | TEPN      |

|                                         |  |                            |                      |  |  |  |
|-----------------------------------------|--|----------------------------|----------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN SURESH.B 09DEC2022     | TE Connectivity Ltd. |  |  |  |
| DIMENSIONS: mm                          |  | CHK —                      |                      |  |  |  |
|                                         |  | APVD WILLIAM.YAO 09DEC2022 | NAME PSU POWER CABLE |  |  |  |
|                                         |  | PRODUCT SPEC —             | —                    |  |  |  |
| TOLERANCES, UNLESS OTHERWISE SPECIFIED: |  | APPLICATION SPEC —         | —                    |  |  |  |
| 0 PLC ± —                               |  | —                          | SIZE A2              |  |  |  |
| 1 PLC ± —                               |  | —                          | CAGE CODE 00779      |  |  |  |
| 2 PLC ± —                               |  | —                          | DRAWING NO C-2443896 |  |  |  |
| 3 PLC ± —                               |  | —                          | RESTRICTED TO —      |  |  |  |
| 4 PLC ± —                               |  | —                          | SCALE N.T.S          |  |  |  |
| ANGLES ± —                              |  | —                          | SHEET 3 OF 5         |  |  |  |
| FINISH —                                |  | —                          | REV 9                |  |  |  |
| MATERIAL —                              |  | —                          | CUSTOMER DRAWING     |  |  |  |



| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| —         | —   | SEE SHEET 1 | —    | —   | —    |



NOTES:

1. LABEL INFORMATION AS BELOW:

PSU2\_PWR

2. LABEL INFORMATION AS BELOW:

PSU2\_2

3. LABEL INFORMATION AS BELOW:

PSU2\_1

4. LABEL INFORMATION AS BELOW:

PSU\_MGMT2

PSU\_MGMT2

SIGNAL WIRE CHART

| S1 | J3 |
|----|----|
| A1 | 7  |
| A2 | 8  |
| A3 | 9  |
| A4 | 2  |
| A5 | 3  |
| B1 | 10 |
| B2 | 18 |
| B3 | 4  |
| B4 | 14 |
| B5 | 15 |
| C1 | 20 |
| C2 | 11 |
| C3 | 5  |
| C4 | 1  |
| C5 | 6  |
| D1 | 12 |
| D2 | 13 |
| D3 | 19 |
| D4 | 16 |
| D5 | 17 |

8 9 POWER WIRING CHART:

|        | S1    | J1/J2 | LENGTH FROM DATUM A TO B | WIRE SIZE | WIRE COLOR |
|--------|-------|-------|--------------------------|-----------|------------|
| POWER  | S1-P8 | 8-P2  | 280+10/0                 | 8AWG      | RED        |
|        | S1-P7 | 7-P2  | 300+10/0                 |           | RED        |
|        | S1-P6 | 4-P2  | 380+10/0                 |           | RED        |
|        | S1-P5 | 3-P2  | 400+10/0                 |           | BLACK      |
|        | S1-P4 | 6-P1  | 330+10/0                 |           | BLACK      |
| RETURN | S1-P3 | 5-P1  | 350+10/0                 | 8AWG      | BLACK      |
|        | S1-P2 | 2-P1  | 430+10/0                 |           | BLACK      |
|        | S1-P1 | 1-P1  | 450+10/0                 |           | BLACK      |

M1278362-001 REV B

DD0T6HPBC00

2443896-2

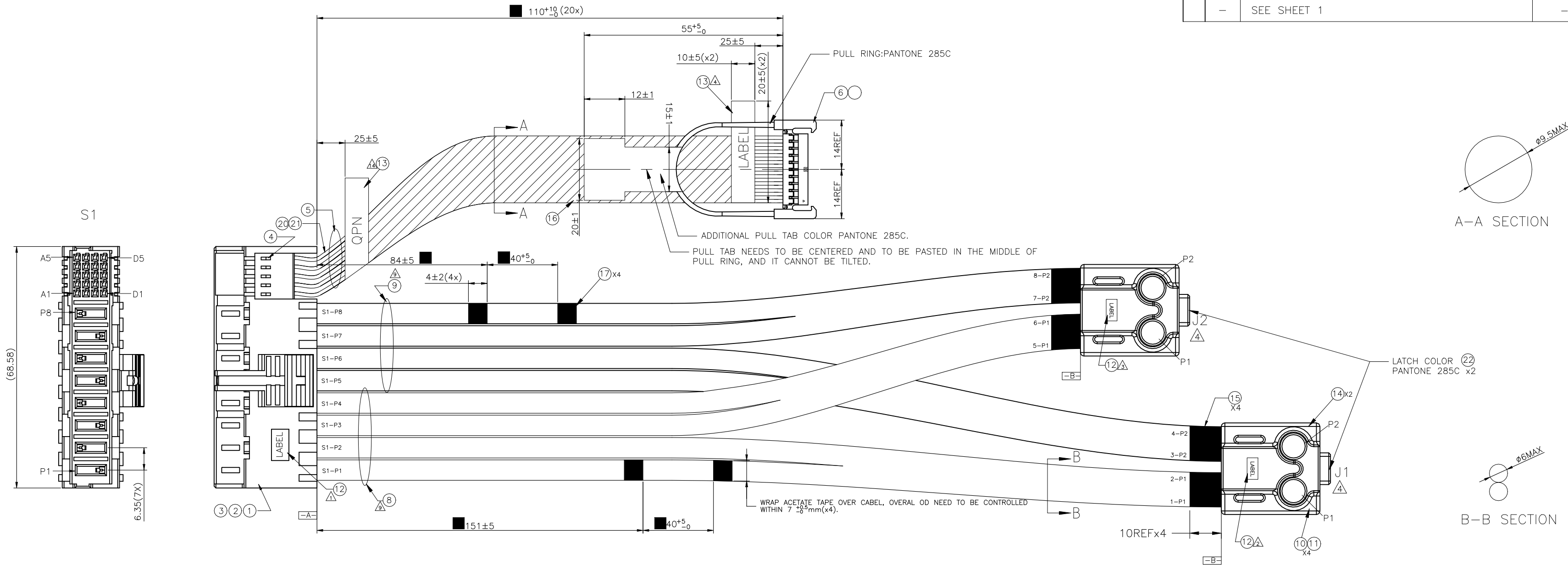
MSFT PN REV.

QPN

TEPN

|                                        |  |                            |                      |                 |                      |                 |
|----------------------------------------|--|----------------------------|----------------------|-----------------|----------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN SURESH B 09DEC2022     | TE Connectivity Ltd. |                 |                      |                 |
| DIMENSIONS: mm                         |  | CHK —                      |                      |                 |                      |                 |
|                                        |  | APVD WILLIAM YAO 09DEC2022 | NAME PSU POWER CABLE |                 |                      |                 |
|                                        |  | PRODUCT SPEC —             | —                    |                 |                      |                 |
| MATERIAL —                             |  | FINISH —                   | SIZE A2              | CAGE CODE 00779 | DRAWING NO C-2443896 | RESTRICTED TO — |
|                                        |  |                            | WEIGHT 0             | SCALE N.T.S     | SHEET 4 OF 5         | REV 9           |
|                                        |  |                            | CUSTOMER DRAWING     |                 |                      |                 |

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| — | —   | SEE SHEET 1 | —    | —   | —    |



NOTES:

1. LABEL INFORMATION AS BELOW:

PSU3\_PWR

2. LABEL INFORMATION AS BELOW:

PSU3\_2

3. LABEL INFORMATION AS BELOW:

PSU3\_1

4. LABEL INFORMATION AS BELOW:

PSU\_MGMT3

PSU\_MGMT3

SIGNAL WIRE CHART

| S1 | J3 |
|----|----|
| A1 | 7  |
| A2 | 8  |
| A3 | 9  |
| A4 | 2  |
| A5 | 3  |
| B1 | 10 |
| B2 | 18 |
| B3 | 4  |
| B4 | 14 |
| B5 | 15 |
| C1 | 20 |
| C2 | 11 |
| C3 | 5  |
| C4 | 1  |
| C5 | 6  |
| D1 | 12 |
| D2 | 13 |
| D3 | 19 |
| D4 | 16 |
| D5 | 17 |

8 9 POWER WIRING CHART:

|        | S1    | J1/J2 | LENGTH FROM DATUM A TO B         | WIRE SIZE | WIRE COLOR |
|--------|-------|-------|----------------------------------|-----------|------------|
| POWER  | S1-P8 | 8-P2  | 210 <sup>+10</sup> <sub>-0</sub> | 8AWG      | RED        |
|        | S1-P7 | 7-P2  | 230 <sup>+10</sup> <sub>-0</sub> |           | RED        |
|        | S1-P6 | 4-P2  | 305 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
|        | S1-P5 | 3-P2  | 325 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
| RETURN | S1-P4 | 6-P1  | 275 <sup>+10</sup> <sub>-0</sub> | 8AWG      | BLACK      |
|        | S1-P3 | 5-P1  | 295 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
|        | S1-P2 | 2-P1  | 365 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |
|        | S1-P1 | 1-P1  | 385 <sup>+10</sup> <sub>-0</sub> |           | BLACK      |

|                    |             |           |
|--------------------|-------------|-----------|
| M1278323-001 REV B | DDOT6HPBD00 | 2443896-3 |
| MSFT PN REV.       | QPN         | TEPN      |

|                                        |  |                            |                      |                 |                      |                 |
|----------------------------------------|--|----------------------------|----------------------|-----------------|----------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN SURESH.B 09DEC2022     | TE Connectivity Ltd. |                 |                      |                 |
| DIMENSIONS: mm                         |  | CHK —                      |                      |                 |                      |                 |
|                                        |  | APVD WILLIAM.YAO 09DEC2022 | NAME PSU POWER CABLE |                 |                      |                 |
|                                        |  | PRODUCT SPEC —             | —                    |                 |                      |                 |
| MATERIAL —                             |  | APPLICATION SPEC —         | SIZE A2              | CAGE CODE 00779 | DRAWING NO C-2443896 | RESTRICTED TO — |
| FINISH —                               |  | WEIGHT 0                   | SCALE N.T.S          |                 | SHEET 5 of 5         | REV 9           |
| CUSTOMER DRAWING                       |  |                            |                      |                 |                      |                 |