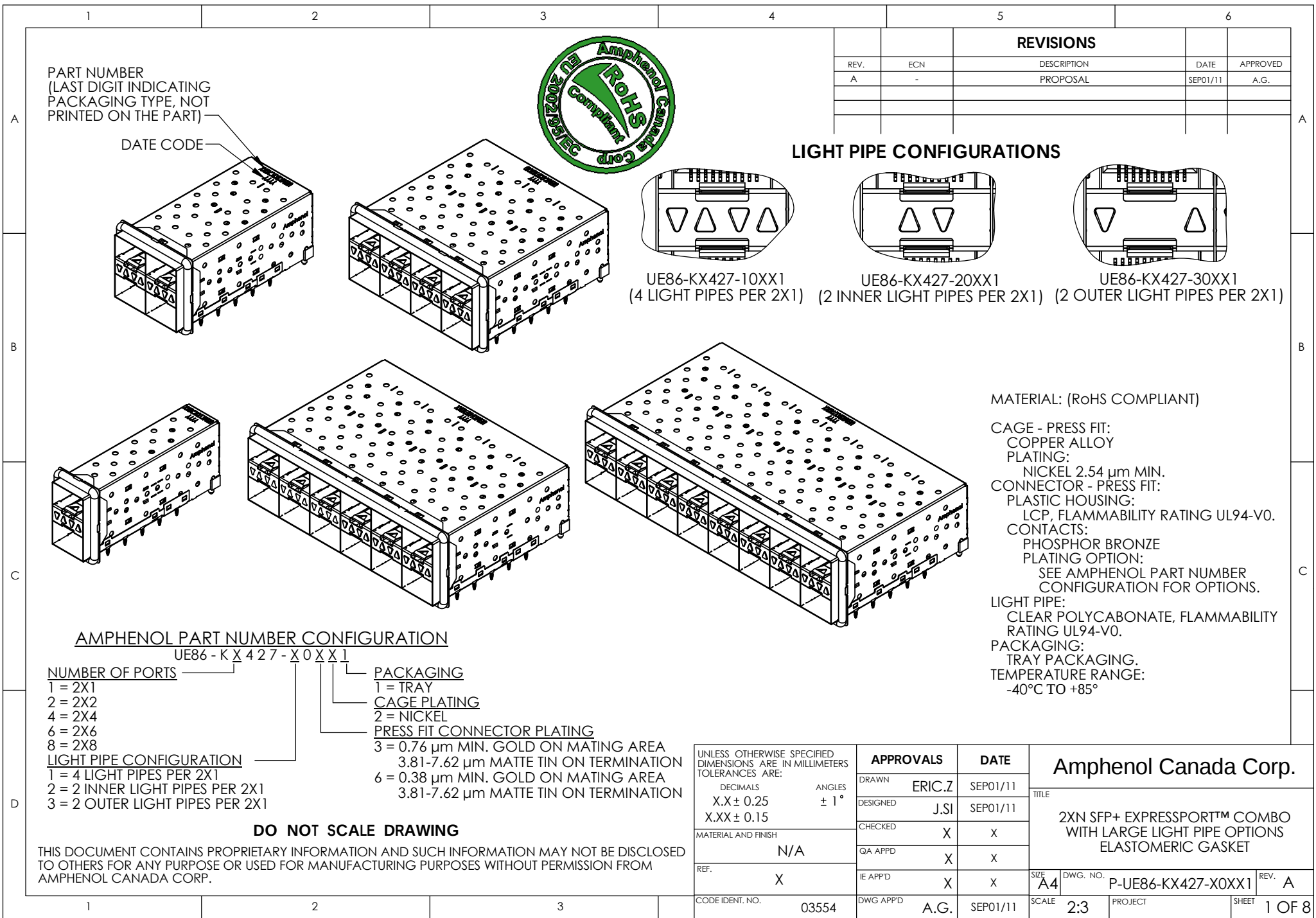




PART NUMBER  
(LAST DIGIT INDICATING  
PACKAGING TYPE, NOT  
PRINTED ON THE PART)

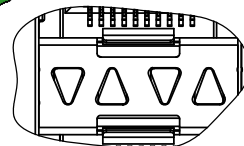
DATE CODE



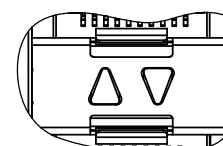
## REVISIONS

| REV. | ECN | DESCRIPTION | DATE     | APPROVED |
|------|-----|-------------|----------|----------|
| A    | -   | PROPOSAL    | SEP01/11 | A.G.     |
|      |     |             |          |          |
|      |     |             |          |          |

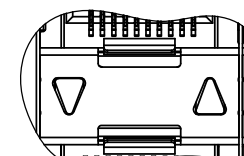
## LIGHT PIPE CONFIGURATIONS



UE86-KX427-10XX1  
(4 LIGHT PIPES PER 2X1)



UE86-KX427-20XX1  
(2 INNER LIGHT PIPES PER 2X1)



UE86-KX427-30XX1  
(2 OUTER LIGHT PIPES PER 2X1)

MATERIAL: (RoHS COMPLIANT)

CAGE - PRESS FIT:  
COPPER ALLOY

PLATING:

NICKEL 2.54 µm MIN.

CONNECTOR - PRESS FIT:

PLASTIC HOUSING:

LCP, FLAMMABILITY RATING UL94-V0.

CONTACTS:

PHOSPHOR BRONZE

PLATING OPTION:

SEE AMPHENOL PART NUMBER  
CONFIGURATION FOR OPTIONS.

LIGHT PIPE:

CLEAR POLYCARBONATE, FLAMMABILITY  
RATING UL94-V0.

PACKAGING:

TRAY PACKAGING.

TEMPERATURE RANGE:  
-40°C TO +85°

## AMPHENOL PART NUMBER CONFIGURATION

UE86 - K X 4 2 7 - X 0 X X 1

### NUMBER OF PORTS

- 1 = 2X1
- 2 = 2X2
- 4 = 2X4
- 6 = 2X6
- 8 = 2X8

### LIGHT PIPE CONFIGURATION

- 1 = 4 LIGHT PIPES PER 2X1
- 2 = 2 INNER LIGHT PIPES PER 2X1
- 3 = 2 OUTER LIGHT PIPES PER 2X1

### PACKAGING

- 1 = TRAY

### CAGE PLATING

- 2 = NICKEL

### PRESS FIT CONNECTOR PLATING

- 3 = 0.76 µm MIN. GOLD ON MATING AREA  
3.81-7.62 µm MATTE TIN ON TERMINATION
- 6 = 0.38 µm MIN. GOLD ON MATING AREA  
3.81-7.62 µm MATTE TIN ON TERMINATION

## DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED  
TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM  
AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ARE:

DECIMALS ANGLES  
X.X ± 0.25 ± 1°  
X.XX ± 0.15

MATERIAL AND FINISH

N/A

REF.

X

CODE IDENT. NO.

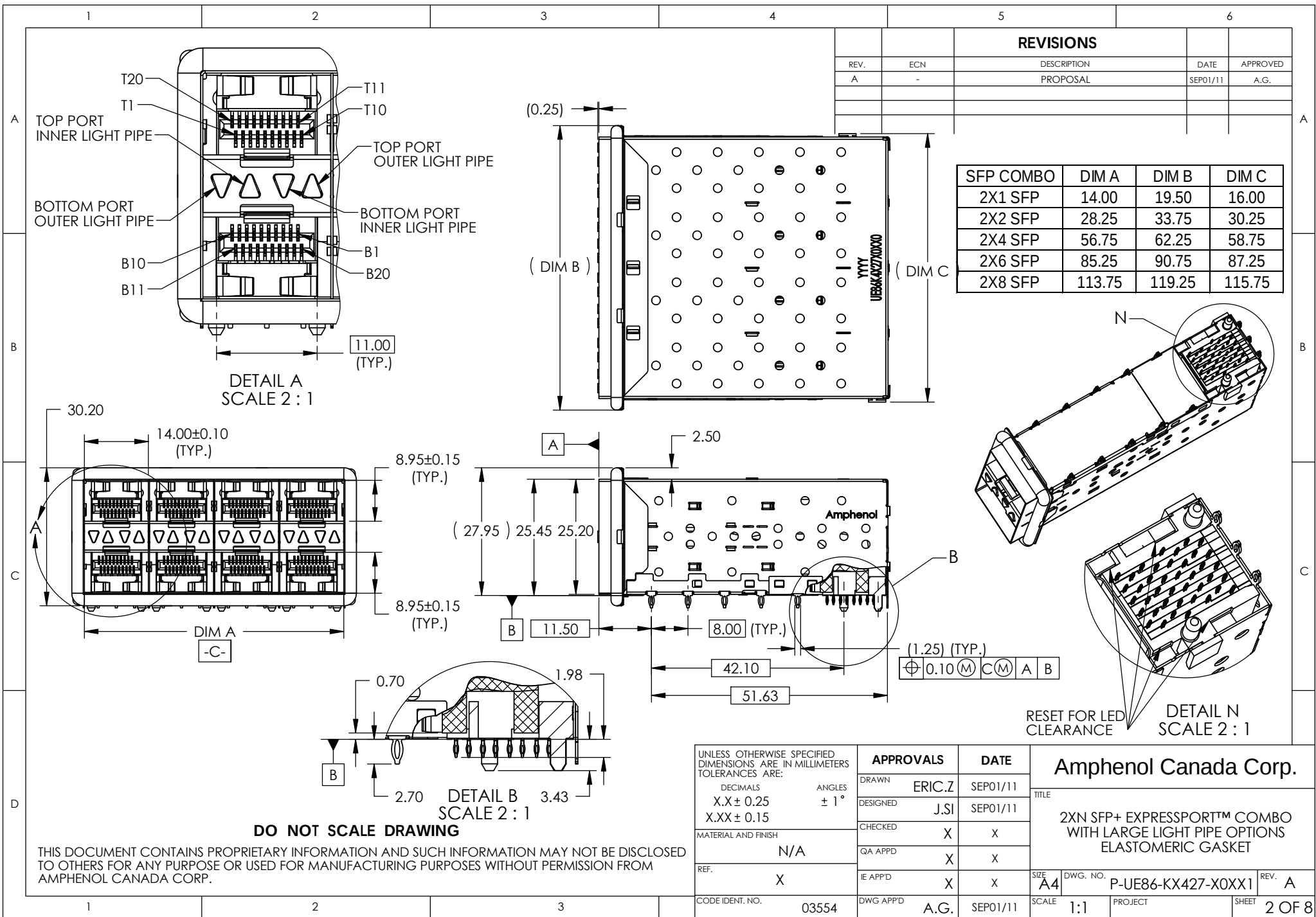
03554

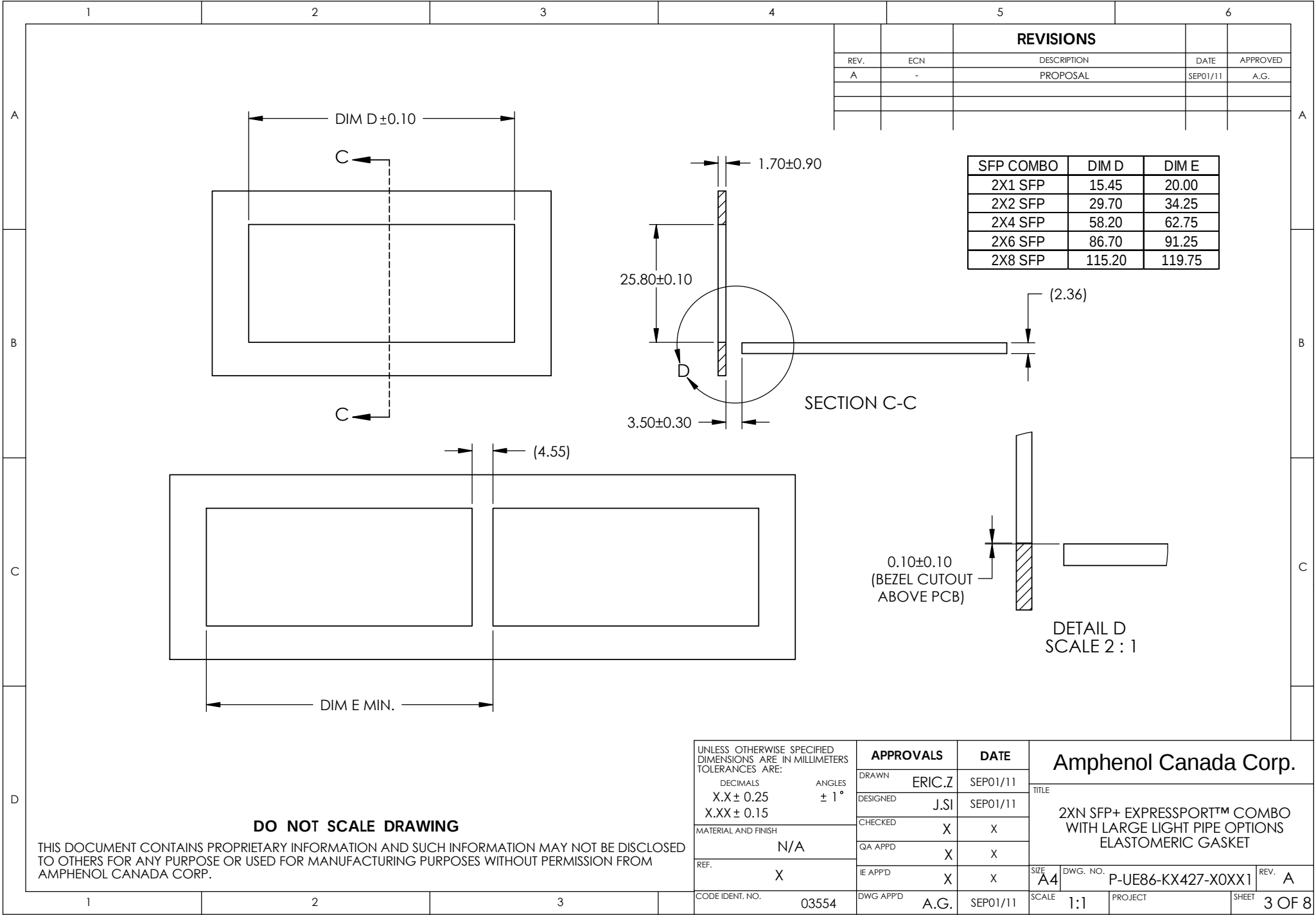
## APPROVALS

|           |        |          |
|-----------|--------|----------|
| DRAWN     | ERIC.Z | SEP01/11 |
| DESIGNED  | J.SI   | SEP01/11 |
| CHECKED   | X      | X        |
| QA APP'D  | X      | X        |
| IE APP'D  | X      | X        |
| DWG APP'D | A.G.   | SEP01/11 |

## DATE

|                       |                                                                                    |        |
|-----------------------|------------------------------------------------------------------------------------|--------|
| Amphenol Canada Corp. |                                                                                    |        |
| TITLE                 | 2XN SFP+ EXPRESSPORT™ COMBO<br>WITH LARGE LIGHT PIPE OPTIONS<br>ELASTOMERIC GASKET |        |
| SIZE                  | DWG. NO.                                                                           | REV.   |
| A4                    | P-UE86-KX427-X0XX1                                                                 | A      |
| SCALE                 | PROJECT                                                                            | SHEET  |
| 2:3                   |                                                                                    | 1 OF 8 |





**NOTES:**

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (13 HOLES).

**REVISIONS**

| REV. | ECN | DESCRIPTION | DATE     | APPROVED |
|------|-----|-------------|----------|----------|
| A    | -   | PROPOSAL    | SEP01/11 | A.G.     |
|      |     |             |          |          |
|      |     |             |          |          |

**THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)**

**CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)**

**DO NOT SCALE DRAWING**

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

**2X1 PCB LAYOUT**

**UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:**

| DECIMALS    | ANGLES |
|-------------|--------|
| X.X ± 0.25  | ± 1°   |
| X.XX ± 0.15 |        |

MATERIAL AND FINISH: N/A

REF.: X

CODE IDENT. NO.: 03554

**APPROVALS**

| DRAWN  | DESIGNED | CHECKED | QA APP'D | IE APP'D | DWG APP'D |
|--------|----------|---------|----------|----------|-----------|
| ERIC.Z | J.SI     | X       | X        | X        | A.G.      |

**DATE**

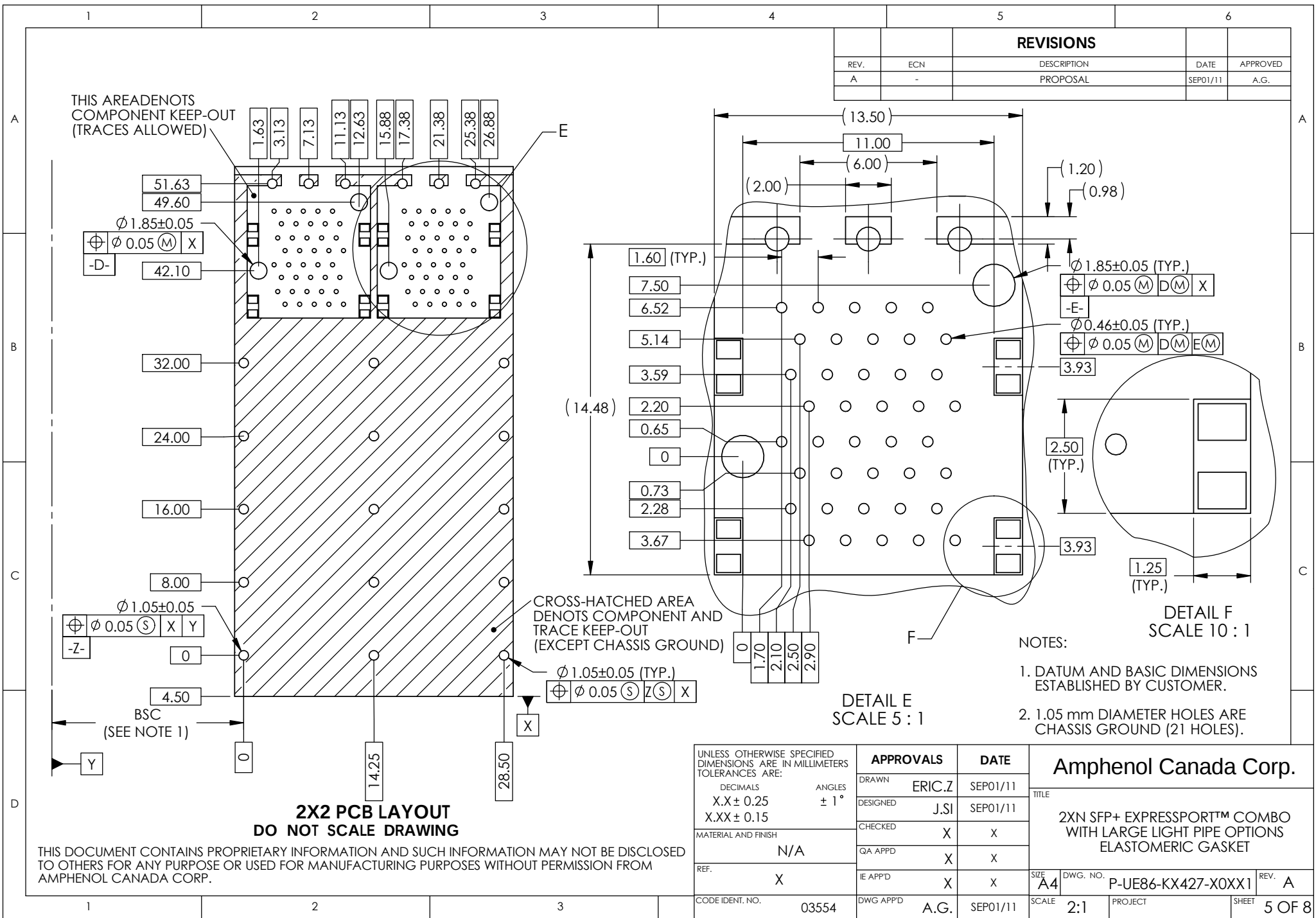
| DATE     |
|----------|
| SEP01/11 |
| SEP01/11 |
|          |
|          |
|          |
| SEP01/11 |

**Amphenol Canada Corp.**

TITLE: 2XN SFP+ EXPRESSPORT™ COMBO WITH LARGE LIGHT PIPE OPTIONS ELASTOMERIC GASKET

SIZE: A4 DWG. NO.: P-UE86-KX427-X0XX1 REV.: A

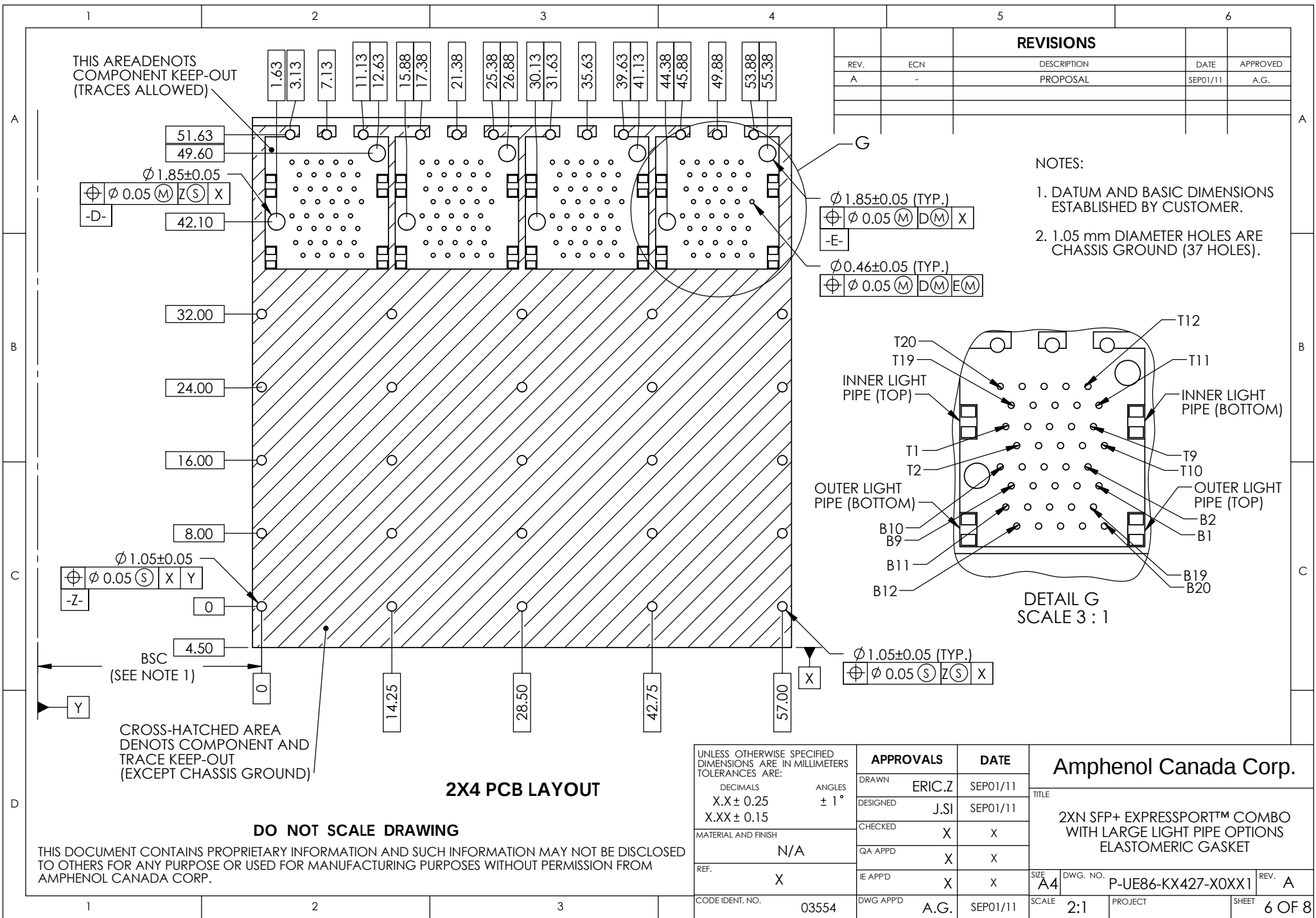
SCALE: 1:1 PROJECT SHEET: 4 OF 8



| REVISIONS |     |             |          |          |
|-----------|-----|-------------|----------|----------|
| REV.      | ECN | DESCRIPTION | DATE     | APPROVED |
| A         | -   | PROPOSAL    | SEP01/11 | A.G.     |

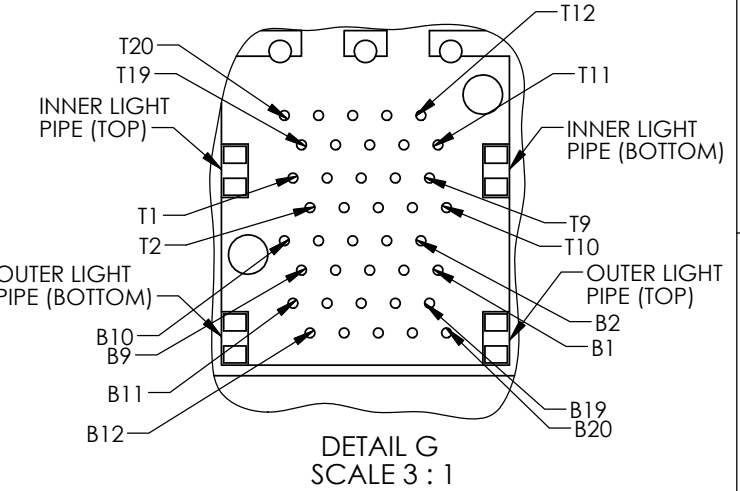
- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (21 HOLES).

|                                                                                                                                                                                                                                                                                                              |  |           |        |          |  |                                                                                                 |  |                    |  |        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--------|----------|--|-------------------------------------------------------------------------------------------------|--|--------------------|--|--------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES ARE:<br><br>DECIMALS                      ANGLES<br>X.X ± 0.25                      ± 1°<br>X.XX ± 0.15<br><br>MATERIAL AND FINISH<br><br>N/A<br><br>REF.                      X<br><br>CODE IDENT. NO.                      03554 |  | APPROVALS |        | DATE     |  | Amphenol Canada Corp.                                                                           |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | DRAWN     | ERIC.Z | SEP01/11 |  |                                                                                                 |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | DESIGNED  | J.SI   | SEP01/11 |  | TITLE<br><br>2XN SFP+ EXPRESSPORT™ COMBO<br>WITH LARGE LIGHT PIPE OPTIONS<br>ELASTOMERIC GASKET |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | CHECKED   | X      | X        |  |                                                                                                 |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | QA APPD   | X      | X        |  |                                                                                                 |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | IE APP'D  | X      | X        |  |                                                                                                 |  |                    |  |        |  |
|                                                                                                                                                                                                                                                                                                              |  | SIZE      |        | A4       |  | DWG. NO.                                                                                        |  | P-UE86-KX427-X0XX1 |  | REV.   |  |
| SCALE                                                                                                                                                                                                                                                                                                        |  | 2:1       |        | PROJECT  |  |                                                                                                 |  | SHEET              |  | 5 OF 8 |  |

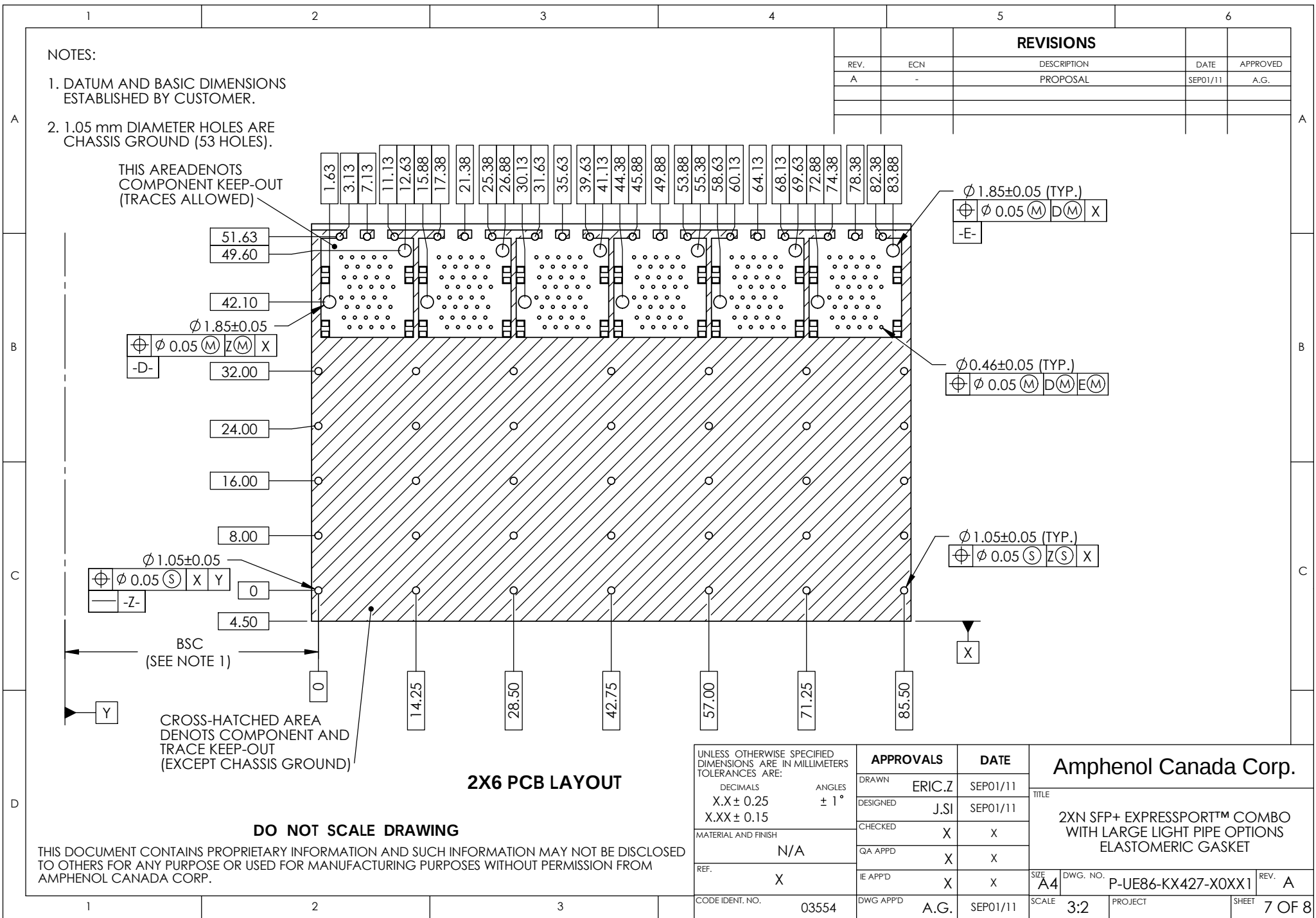


| REVISIONS |     |             |          |          |
|-----------|-----|-------------|----------|----------|
| REV.      | ECN | DESCRIPTION | DATE     | APPROVED |
| A         | -   | PROPOSAL    | SEP01/11 | A.G.     |
|           |     |             |          |          |
|           |     |             |          |          |

- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
  - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (37 HOLES).



|                                                                                                                                                                              |  |           |        |          |  |                                                                                                                                                                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--------|----------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:<br>DECIMALS X.X ± 0.25<br>X.XX ± 0.15<br>MATERIAL AND FINISH N/A<br>REF. X<br>CODE IDENT. NO. 03554 |  | APPROVALS |        | DATE     |  | Amphenol Canada Corp.<br>TITLE<br>2XN SFP+ EXPRESSPORT™ COMBO WITH LARGE LIGHT PIPE OPTIONS ELASTOMERIC GASKET<br>SIZE A4 DWG. NO. P-UE86-KX427-X0XX1 REV. A<br>SCALE 2:1 PROJECT SHEET 6 OF 8 |  |
|                                                                                                                                                                              |  | DRAWN     | ERIC.Z | SEP01/11 |  |                                                                                                                                                                                                |  |
|                                                                                                                                                                              |  | DESIGNED  | J.SI   | SEP01/11 |  |                                                                                                                                                                                                |  |
|                                                                                                                                                                              |  | CHECKED   | X      | X        |  |                                                                                                                                                                                                |  |
|                                                                                                                                                                              |  | QA APPD   | X      | X        |  |                                                                                                                                                                                                |  |
|                                                                                                                                                                              |  | IE APPD   | X      | X        |  |                                                                                                                                                                                                |  |
|                                                                                                                                                                              |  | DWG APPD  | A.G.   | SEP01/11 |  |                                                                                                                                                                                                |  |



| REVISIONS |     |             |          |          |
|-----------|-----|-------------|----------|----------|
| REV.      | ECN | DESCRIPTION | DATE     | APPROVED |
| A         | -   | PROPOSAL    | SEP01/11 | A.G.     |
|           |     |             |          |          |
|           |     |             |          |          |

|                                                                                                                                                                                                                                                                                                 |           |        |          |                                                                                    |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|----------|------------------------------------------------------------------------------------|--------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES ARE:<br><div>DECIMALS      ANGLES</div> <div>X.X ± 0.25      ± 1°</div> <div>X.XX ± 0.15</div> <div>MATERIAL AND FINISH</div> <div>N/A</div> <div>REF.</div> <div>X</div> <div>CODE IDENT. NO.</div> <div>03554</div> | APPROVALS |        | DATE     | Amphenol Canada Corp.                                                              |        |
|                                                                                                                                                                                                                                                                                                 | DRAWN     | ERIC.Z |          |                                                                                    |        |
|                                                                                                                                                                                                                                                                                                 | DESIGNED  | J.SI   |          |                                                                                    |        |
|                                                                                                                                                                                                                                                                                                 | CHECKED   | X      |          |                                                                                    |        |
|                                                                                                                                                                                                                                                                                                 | QA APP'D  | X      | X        | TITLE                                                                              |        |
|                                                                                                                                                                                                                                                                                                 | IE APP'D  | X      | X        |                                                                                    |        |
|                                                                                                                                                                                                                                                                                                 | DWG APP'D | A.G.   | SEP01/11 | 2XN SFP+ EXPRESSPORT™ COMBO<br>WITH LARGE LIGHT PIPE OPTIONS<br>ELASTOMERIC GASKET |        |
|                                                                                                                                                                                                                                                                                                 | SIZE      | A4     | DWG. NO. | P-UE86-KX427-X0XX1                                                                 |        |
|                                                                                                                                                                                                                                                                                                 | SCALE     | 3:2    | PROJECT  | SHEET                                                                              |        |
|                                                                                                                                                                                                                                                                                                 |           |        |          |                                                                                    | REV. A |
|                                                                                                                                                                                                                                                                                                 |           |        |          |                                                                                    | 7 OF 8 |

