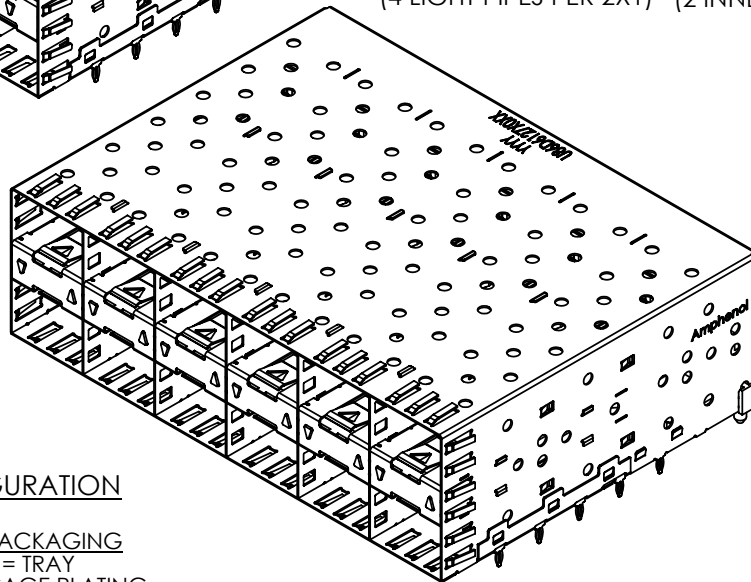
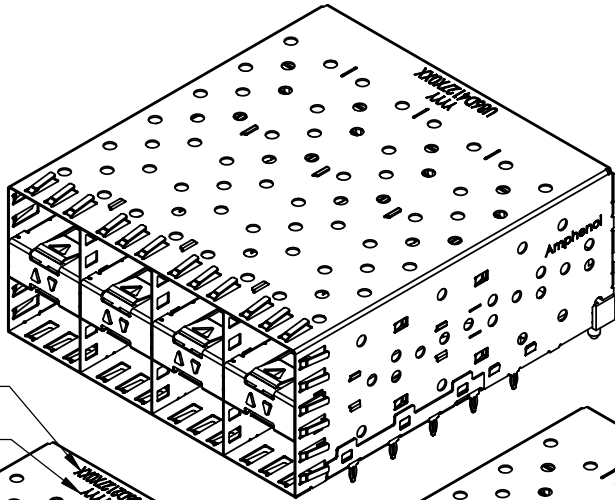
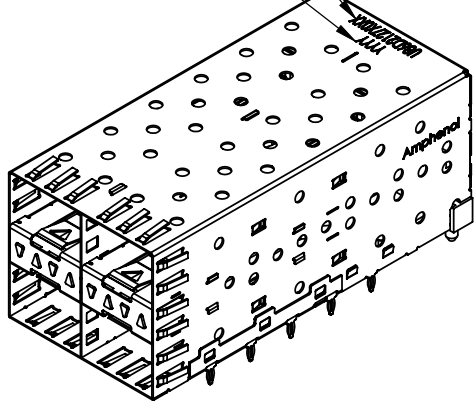




PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

DATE CODE



AMPHENOL PART NUMBER CONFIGURATION

U86 - D X 1 2 7 - X 0 X X 1

NUMBER OF PORTS

- 2 = 2X2
- 4 = 2X4
- 6 = 2X6

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

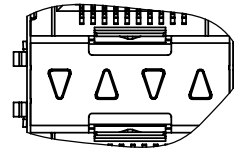
- 1 = 0.76 µm MIN. GOLD ON MATING AREA
3.81-7.62 µm TIN/LEAD ON TERMINATION
- 4 = 0.38 µm MIN. GOLD ON MATING AREA
3.81-7.62 µm TIN/LEAD ON TERMINATION

DO NOT SCALE DRAWING

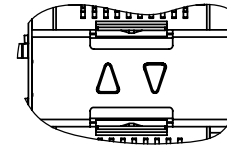
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REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR06/09	
B		2X6 OPTION ADDED	APR27/09	
C		LIGHT PIPE OPTIONS ADDED	APR29/09	

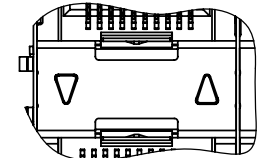
LIGHT PIPE CONFIGURATIONS



U86-DX127-10XX1
(4 LIGHT PIPES PER 2X1)



U86-DX127-20XX1
(2 INNER LIGHT PIPES PER 2X1)



U86-DX127-30XX1
(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 UL94-0.

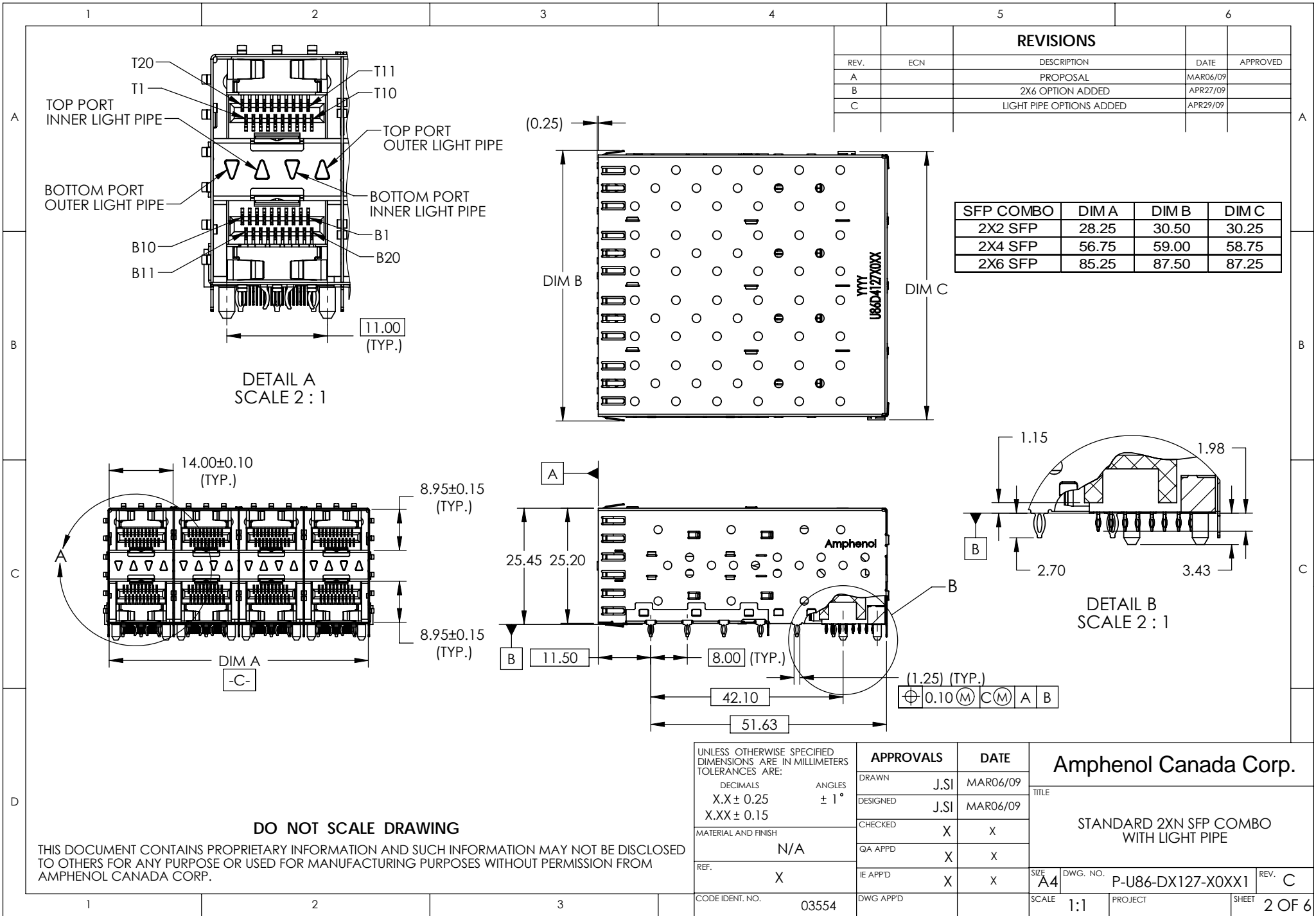
CONTACTS:
PHOSPHOR BRONZE
PLATING OPTION:
SEE AMPHENOL PART NUMBER
CONFIGURATION FOR OPTIONS.

LIGHT PIPE:
CLEAR POLYCARBONATE, FLAMMABILITY
RATING UL94-0.

PACKAGING:
TRAY PACKAGING.

TEMPERATURE RANGE:
-40°C TO +85°

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	MAR06/09	TITLE		
X.X ± 0.25	± 1°	DESIGNED	J.SI	MAR06/09	STANDARD 2XN SFP COMBO WITH LIGHT PIPE		
X.XX ± 0.15		CHECKED	X	X			
MATERIAL AND FINISH		QA APPD	X	X			
REF.	X	IE APPD	X	X	SIZE A4	DWG. NO.	P-U86-DX127-X0XX1
CODE IDENT. NO.	03554	DWG APPD			SCALE	1:1	PROJECT
						SHEET	1 OF 6



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR06/09	
B		2X6 OPTION ADDED	APR27/09	
C		LIGHT PIPE OPTIONS ADDED	APR29/09	

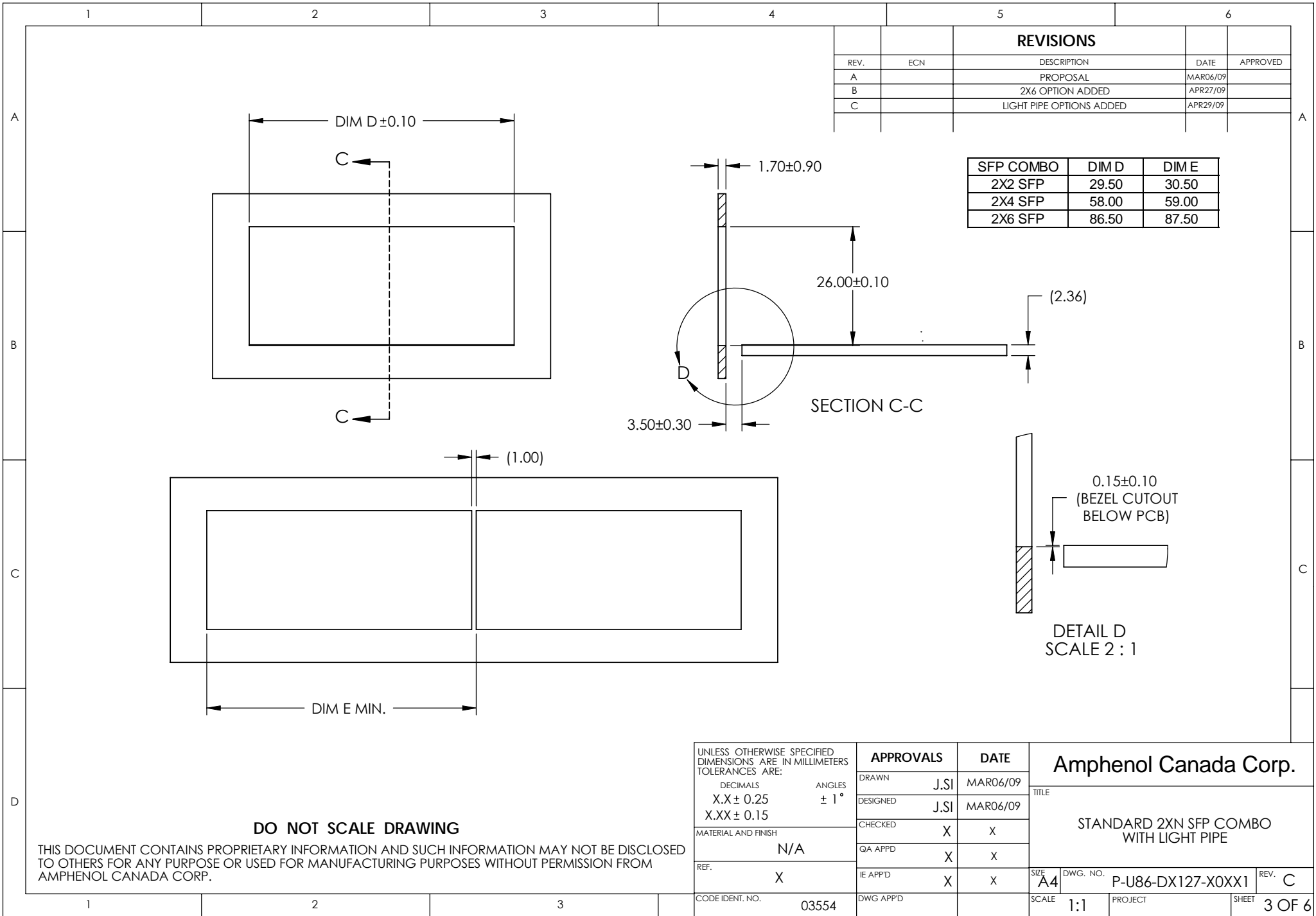
SFP COMBO	DIM A	DIM B	DIM C
2X2 SFP	28.25	30.50	30.25
2X4 SFP	56.75	59.00	58.75
2X6 SFP	85.25	87.50	87.25

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	
DECIMALS	ANGLES	DRAWN	J.SI	MAR06/09	
X.X ± 0.25	± 1°	DESIGNED	J.SI	MAR06/09	
X.XX ± 0.15		CHECKED	X	X	
MATERIAL AND FINISH	N/A	QA APPD	X	X	
REF.	X	IE APPD	X	X	
CODE IDENT. NO.	03554	DWG APPD			

Amphenol Canada Corp.					
TITLE					
STANDARD 2XN SFP COMBO WITH LIGHT PIPE					
SIZE	DWG. NO.	REV.			
A4	P-U86-DX127-X0XX1	C			
SCALE	PROJECT	SHEET			
1:1		2 OF 6			

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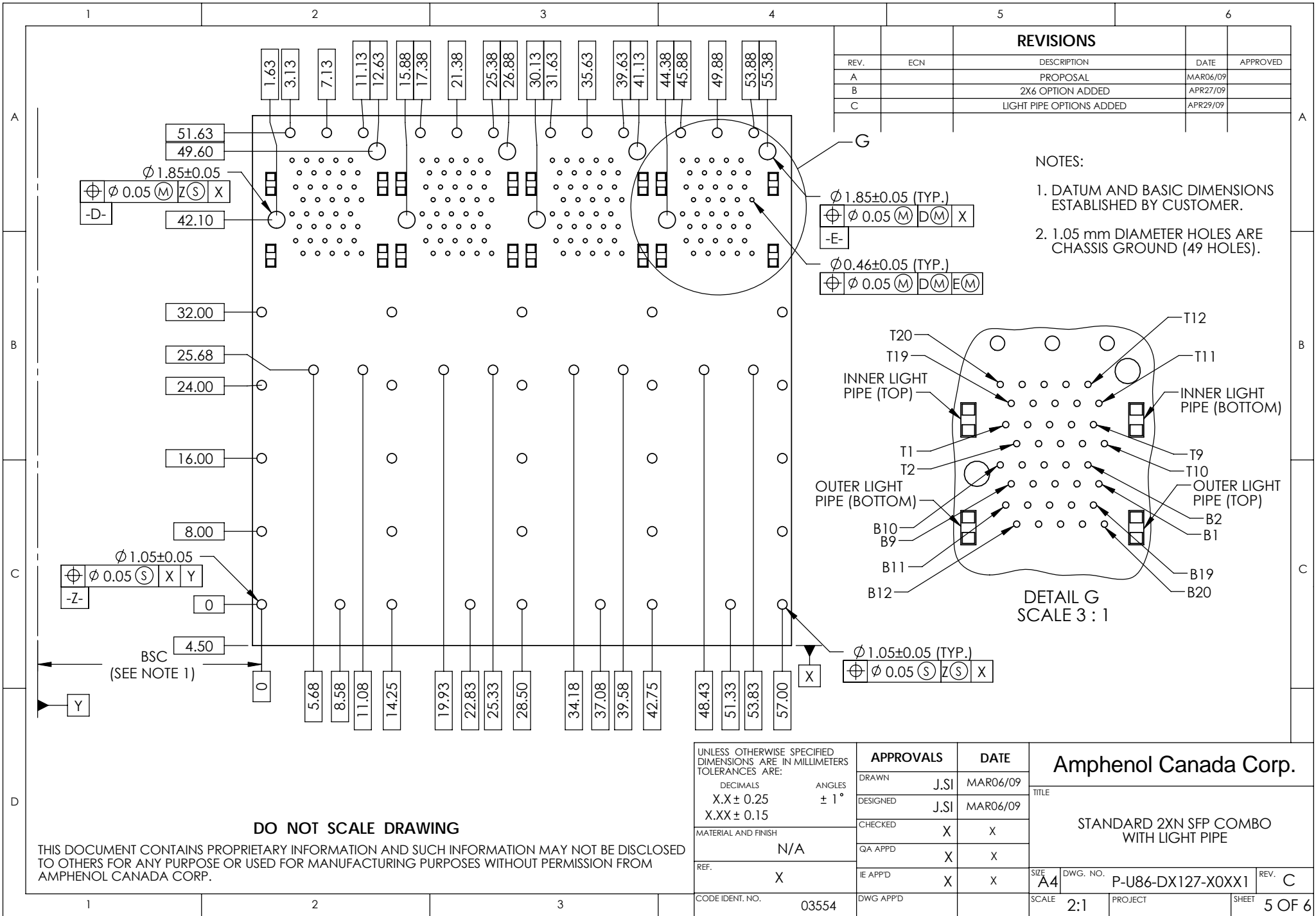
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR06/09	
B		2X6 OPTION ADDED	APR27/09	
C		LIGHT PIPE OPTIONS ADDED	APR29/09	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	
DECIMALS	ANGLES	DRAWN	J.SI	MAR06/09	
X.X ± 0.25	± 1°	DESIGNED	J.SI	MAR06/09	
X.XX ± 0.15		CHECKED	X	X	
MATERIAL AND FINISH	N/A	QA APP'D	X	X	
REF.	X	IE APP'D	X	X	
CODE IDENT. NO.	03554	DWG APP'D			

Amphenol Canada Corp.					
TITLE					
STANDARD 2XN SFP COMBO WITH LIGHT PIPE					
SIZE	DWG. NO.	PROJECT		SHEET	REV.
A4	P-U86-DX127-X0XX1			3 OF 6	C
SCALE	1:1				

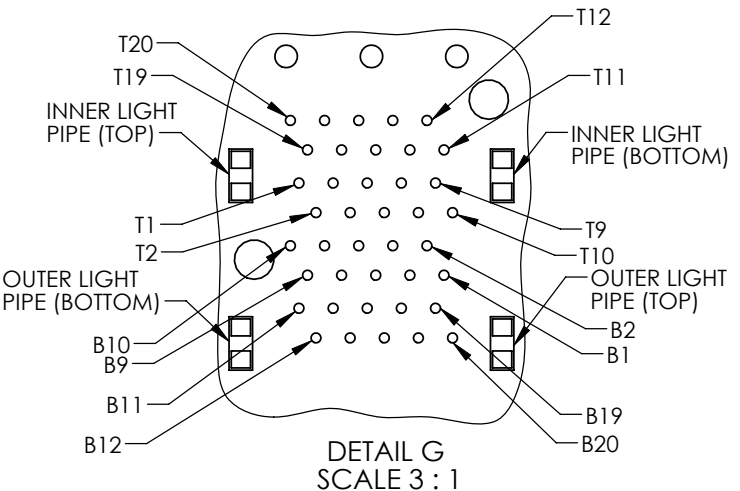
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REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR06/09	
B		2X6 OPTION ADDED	APR27/09	
C		LIGHT PIPE OPTIONS ADDED	APR29/09	

- NOTES:
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 - 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (49 HOLES).



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	
DECIMALS	ANGLES	DRAWN	J.SI	MAR06/09	
X.X ± 0.25	± 1°	DESIGNED	J.SI	MAR06/09	
X.XX ± 0.15		CHECKED	X	X	
MATERIAL AND FINISH	N/A	QA APPD	X	X	
REF.	X	IE APPD	X	X	
CODE IDENT. NO.	03554	DWG APPD			

Amphenol Canada Corp.					
TITLE					
STANDARD 2xN SFP COMBO WITH LIGHT PIPE					
SIZE	A4	DWG. NO.	P-U86-DX127-X0XX1	REV.	C
SCALE	2:1	PROJECT		SHEET	5 OF 6

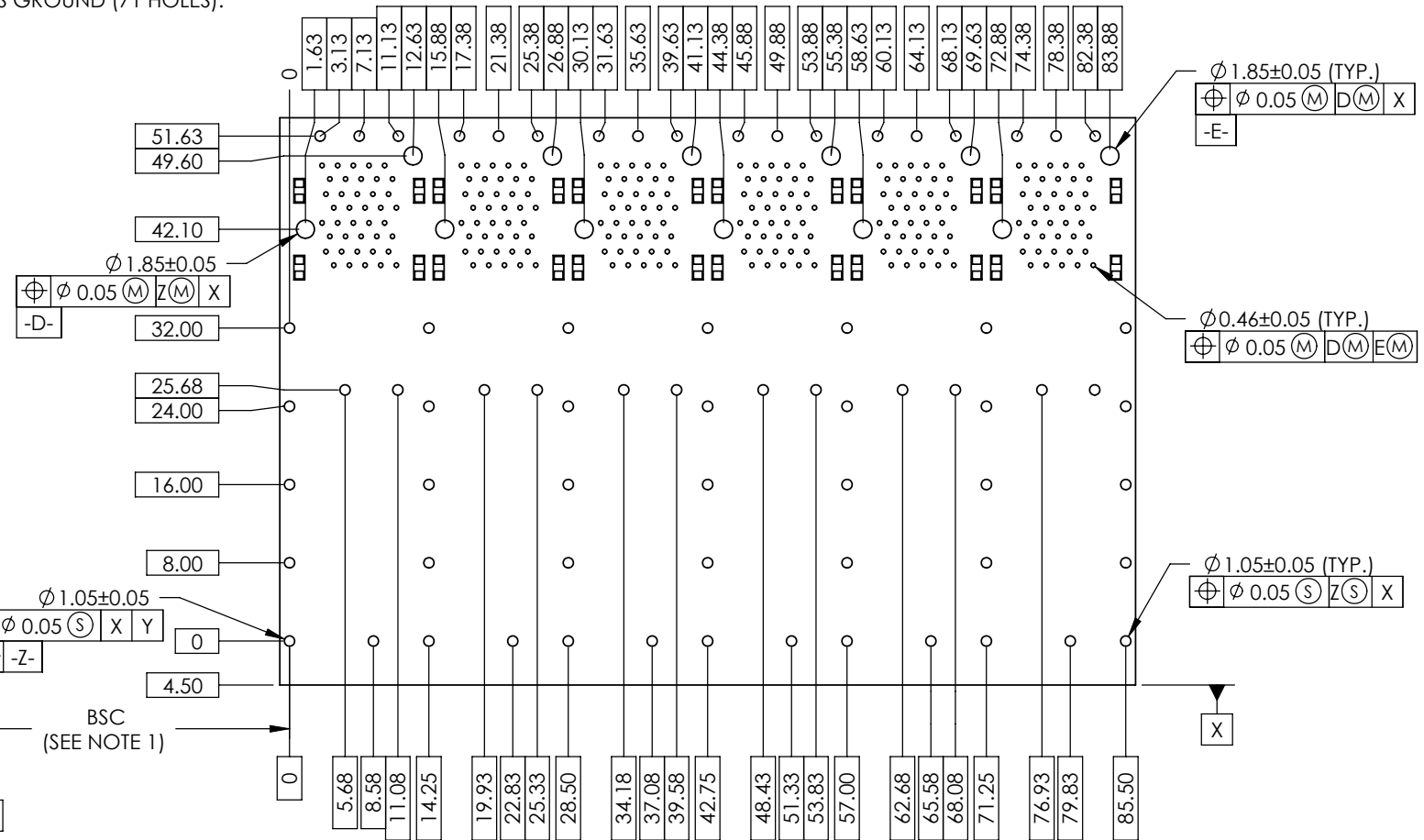
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NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (71 HOLES).

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR06/09	
B		2X6 OPTION ADDED	APR27/09	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 MATERIAL AND FINISH N/A REF. X CODE IDENT. NO. 03554	APPROVALS		DATE	Amphenol Canada Corp. TITLE STANDARD 2XN SFP COMBO WITH LIGHT PIPE SIZE A4 DWG. NO. P-U86-DX127-X0XX1 REV. C SCALE 3:2 PROJECT SHEET 6 OF 6
	DRAWN J.SI	MAR06/09		
	DESIGNED J.SI	MAR06/09		
	CHECKED X	X		
	QA APPD X	X		
	IE APPD X	X		