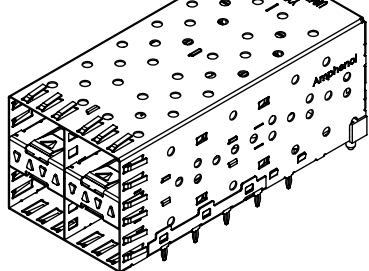




PART NUMBER
(LAST DIGIT INDICATING
PACKAGING TYPE, NOT
PRINTED ON THE PART)

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
- 2 = NICKEL

PRESS FIT CONNECTOR PLATING

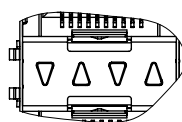
- 1 = 0.76 µm MIN. GOLD ON MATING AREA
- 3.81-7.62 µm TIN/LEAD ON TERMINATION
- 4 = 0.38 µm MIN. GOLD ON MATING AREA
- 3.81-7.62 µm TIN/LEAD ON TERMINATION

DO NOT SCALE DRAWING

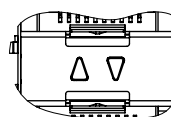
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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

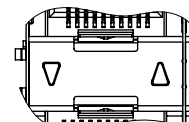
LIGHT PIPE CONFIGURATIONS



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.

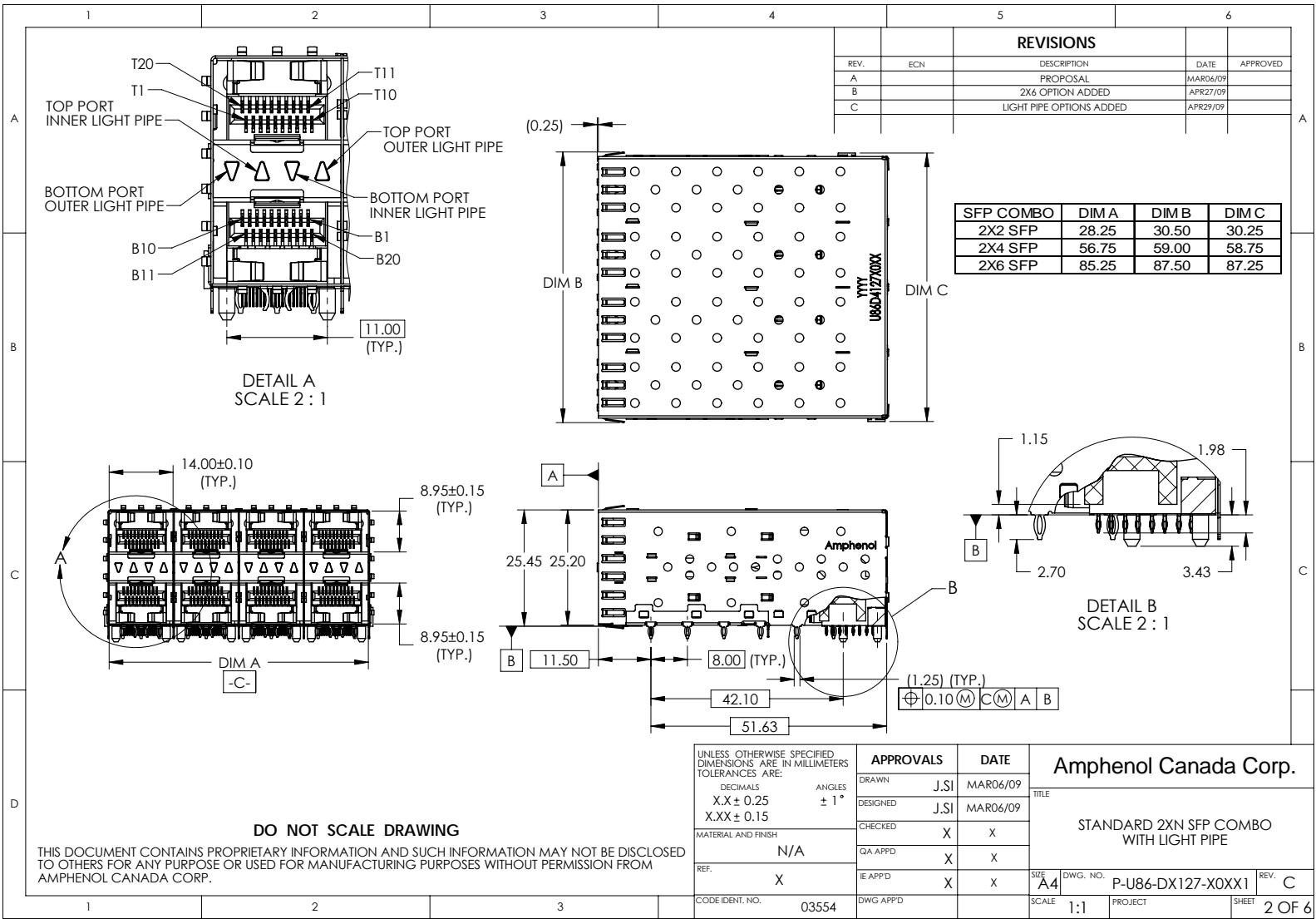
CONTACTS:
PHOSPHOR BRONZE
PLATING OPTION:
SEE AMPHENOL PART NUMBER
CONFIGURATION FOR OPTIONS.

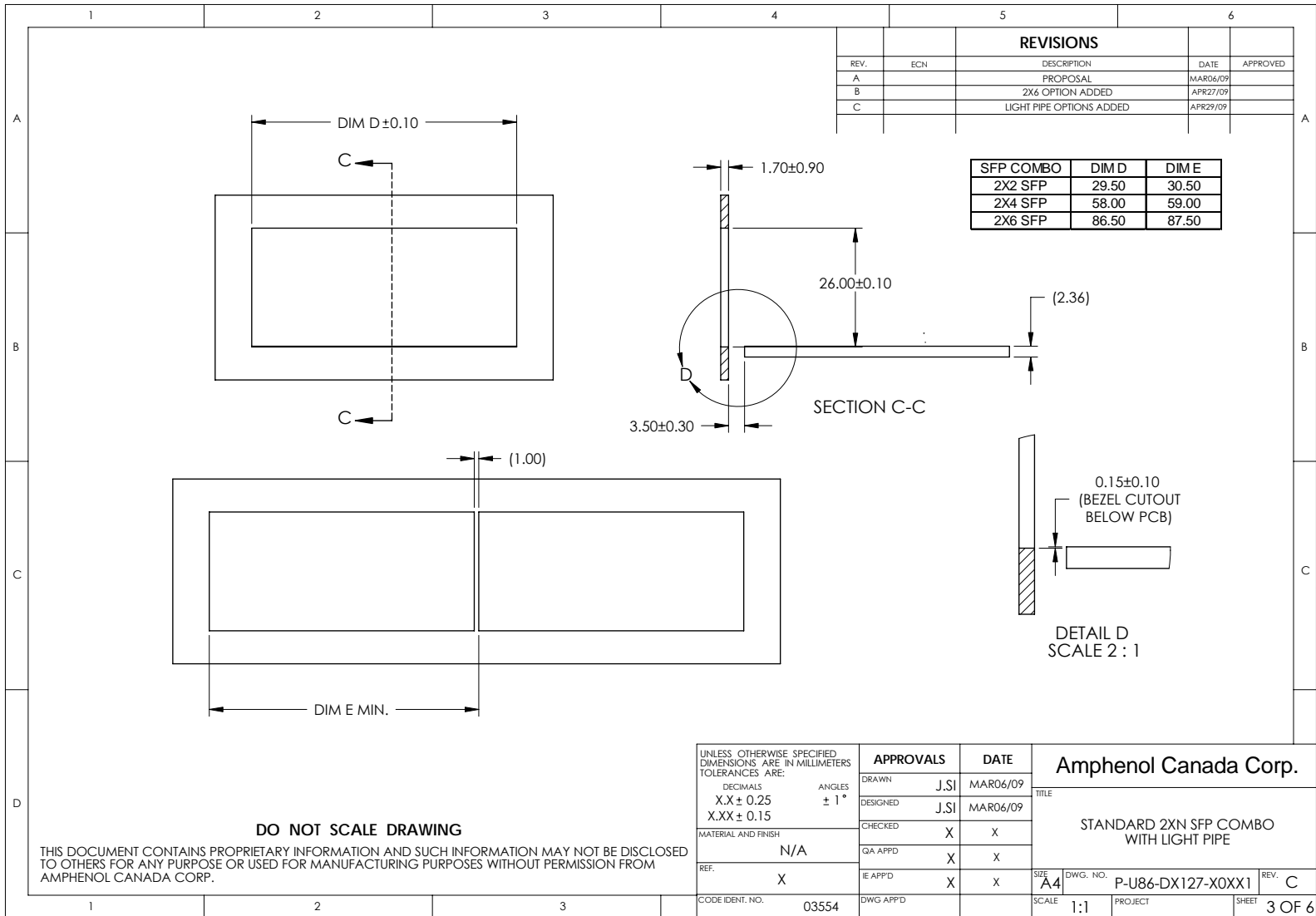
LIGHT PIPE:
CLEAR POLYCARBONATE, FLAMMABILITY
RATING UL94-0.

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	N/A	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

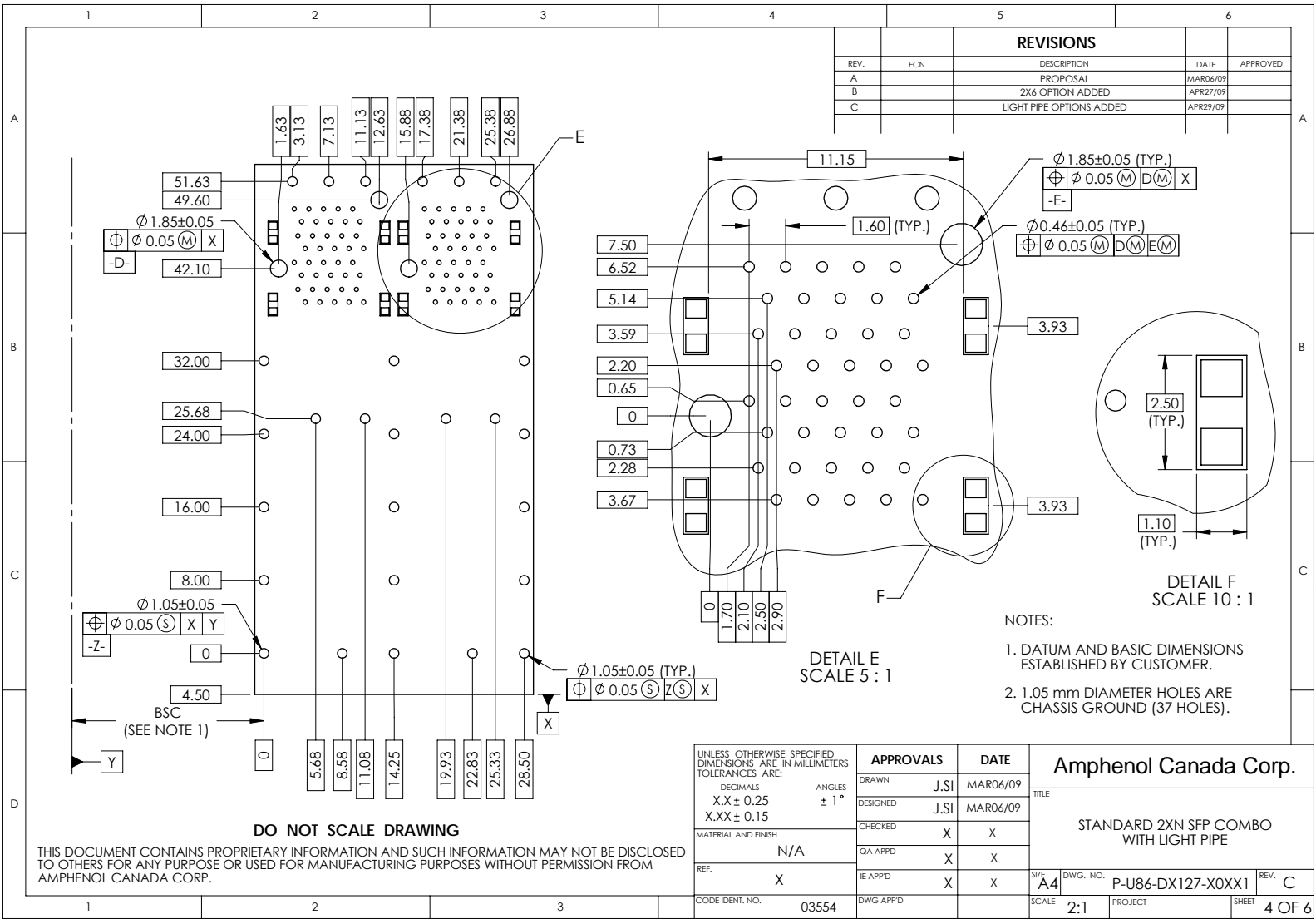




DO NOT SCALE DRAWING

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.

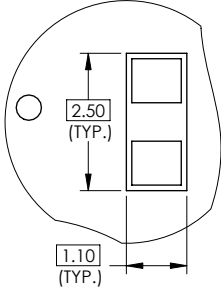
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	MAR06/09	DESIGNED		
X.X ± 0.25	± 1°	CHECKED	X	X	TITLE		STANDARD 2XN SFP COMBO WITH LIGHT PIPE
X.XX ± 0.15		QA APPD	X	X	REV.		
MATERIAL AND FINISH	N/A	IE APPD	X	X	SIZE	DWG. NO.	P-U86-DX127-X0XX1
REF.	X	DWG APPD			SCALE	PROJECT	SHEET
CODE IDENT. NO.	03554				1:1		3 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	

1.63	3.13	7.13	11.13	12.63	15.88	17.38	21.38	25.38	26.88
51.63	49.60								
42.10									
32.00									
25.68									
24.00									
16.00									
8.00									
4.50									
5.68	8.58	11.08	14.25	19.93	22.83	25.33	28.50		

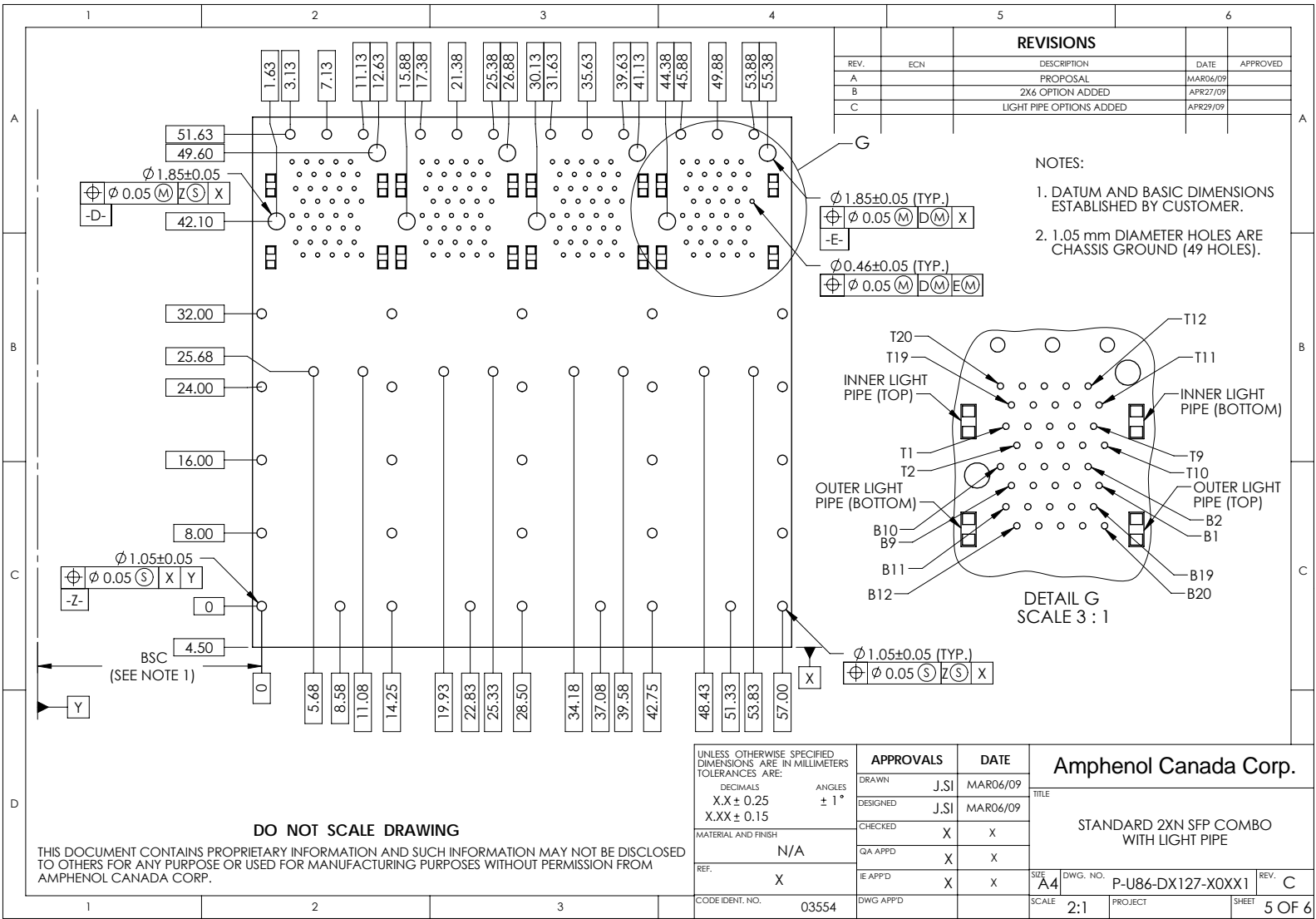
11.15	7.50	6.52	5.14	3.59	2.20	0.65	0	0.73	2.28	3.67	1.70	2.10	2.50	2.90
1.60 (TYP.)														
3.93														
3.93														



- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. 1.05 mm DIAMETER HOLES ARE CHASSIS GROUND (37 HOLES).

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:		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	N/A	QA APPD	X	X						
REF.	X	IE APPD	X	X	SIZE	A4	DWG. NO.	P-U86-DX127-X0XX1	REV.	C
CODE IDENT. NO.	03554	DWG APPD			SCALE	2:1	PROJECT		SHEET	4 OF 6



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

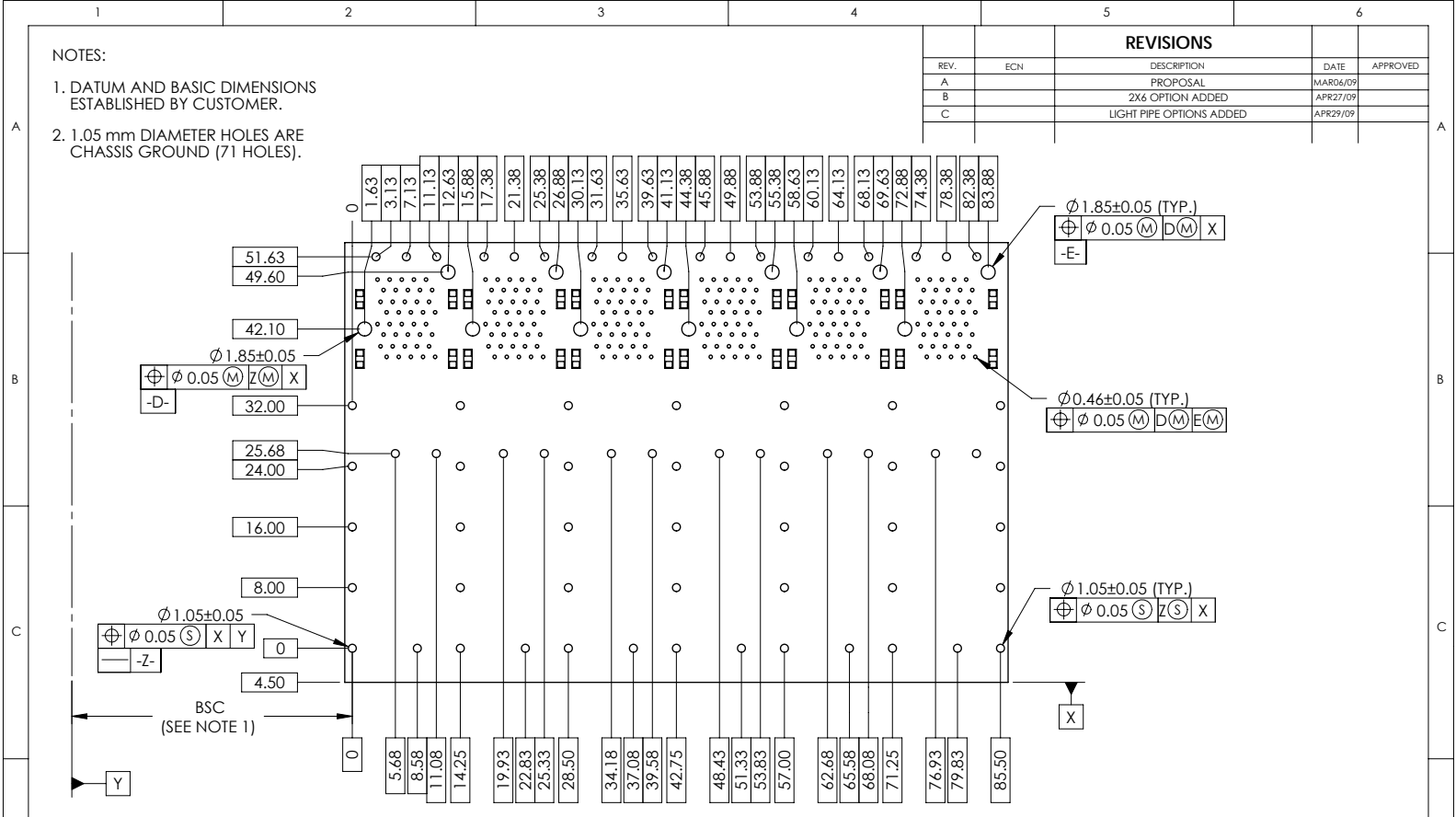
APPROVALS		DATE
DRAWN	J.SI	MAR06/09
DESIGNED	J.SI	MAR06/09
CHECKED	X	X
QA APPD	X	X
IE APPD	X	X
DWG APPD		

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	

NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 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	
C		LIGHT PIPE OPTIONS ADDED	APR29/09	



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:		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	N/A	QA APPD	X	X			
REF.	X	IE APPD	X	X	SIZE	DWG. NO.	REV. C
CODE IDENT. NO.	03554	DWG APPD			SCALE	3:2	PROJECT
							SHEET 6 OF 6