

**MATERIAL (RoHS COMPLIANT)**

**CAGE:**  
COPPER ALLOY

**PLATING OPTION 1:**  
100u" [2.54 um] MIN BRIGHT TIN  
PLATING OVER 50 u" [1.27 um]  
MIN NICKEL UNDERPLATE

**PLATING OPTION 2:**  
150 u" [3.81um] MIN NICKEL  
PLATING (NOT FOR SOLDER PINS.)

**PLATING OPTION 3:**  
100u" [2.54 um] MIN MATTE TIN  
PLATING OVER 50 u" [1.27 um]  
MIN NICKEL UNDERPLATE

**DUST COVER:**  
THERMOPLASTIC, COLOR BLACK

**PACKAGING:**  
TRAY PACKAGING

**TEMPERATURE RANGE:**  
-40 C TO 85 C

**OPTIONAL DUST COVER  
(SHIP LOOSE)**  
P/N U77-1110-8000

**AMPHENOL PART NUMBER CONFIGURATION**

**U77-A X 1 1 X X X 0 X**

**SFP**  
**CAGE**

**STYLE**  
**ONE ROW**

**NUMBER OF PORTS**  
2 = 2 PORTS  
4 = 4 PORTS  
6 = 6 PORTS

**CHASIS GROUNDING**  
**TAB GROUNDING**

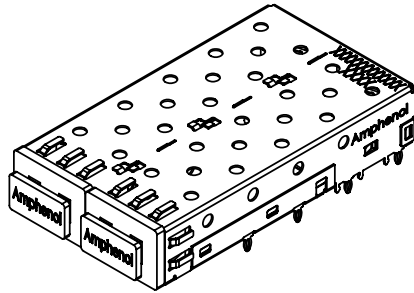
**HEAT SINK OPTION**  
**NO HEAT SINK**

- PACKAGING**  
1 = TRAY PACKAGING  
T = TAPE AND REEL PACKAGING
- OPTION 1**  
STANDARD
- OPTIONAL DUST COVER**  
0 = WITHOUT DUST COVER  
D = WITH DUST COVER (SHIP LOOSE)
- PLATING**  
1 = BRIGHT TIN  
2 = NICKEL  
3 = MATTE TIN
- MOUNTING**  
0 = STANDARD  
4 = REAR PRESS-FIT PINS

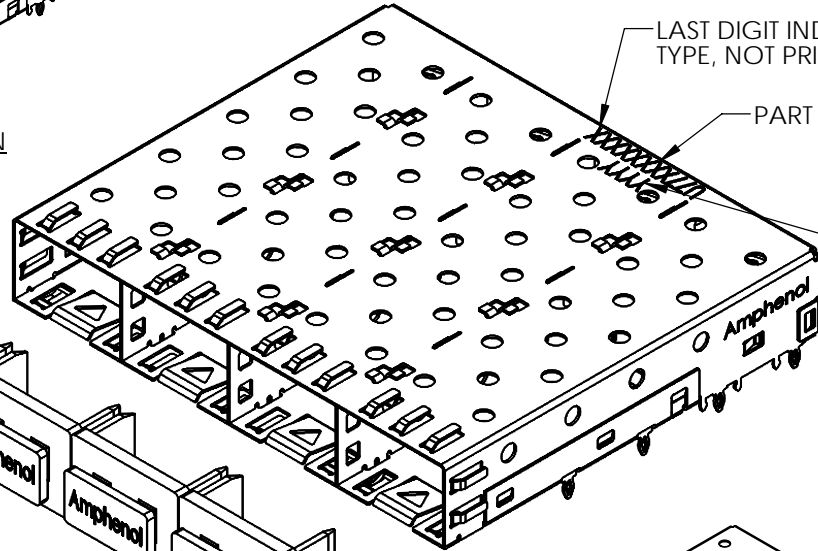
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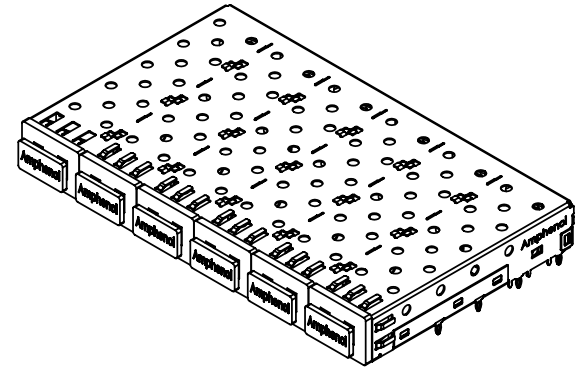
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.



P/N U77-A2110-XD0X SHOWN



P/N U77-A4110-XD0X SHOWN



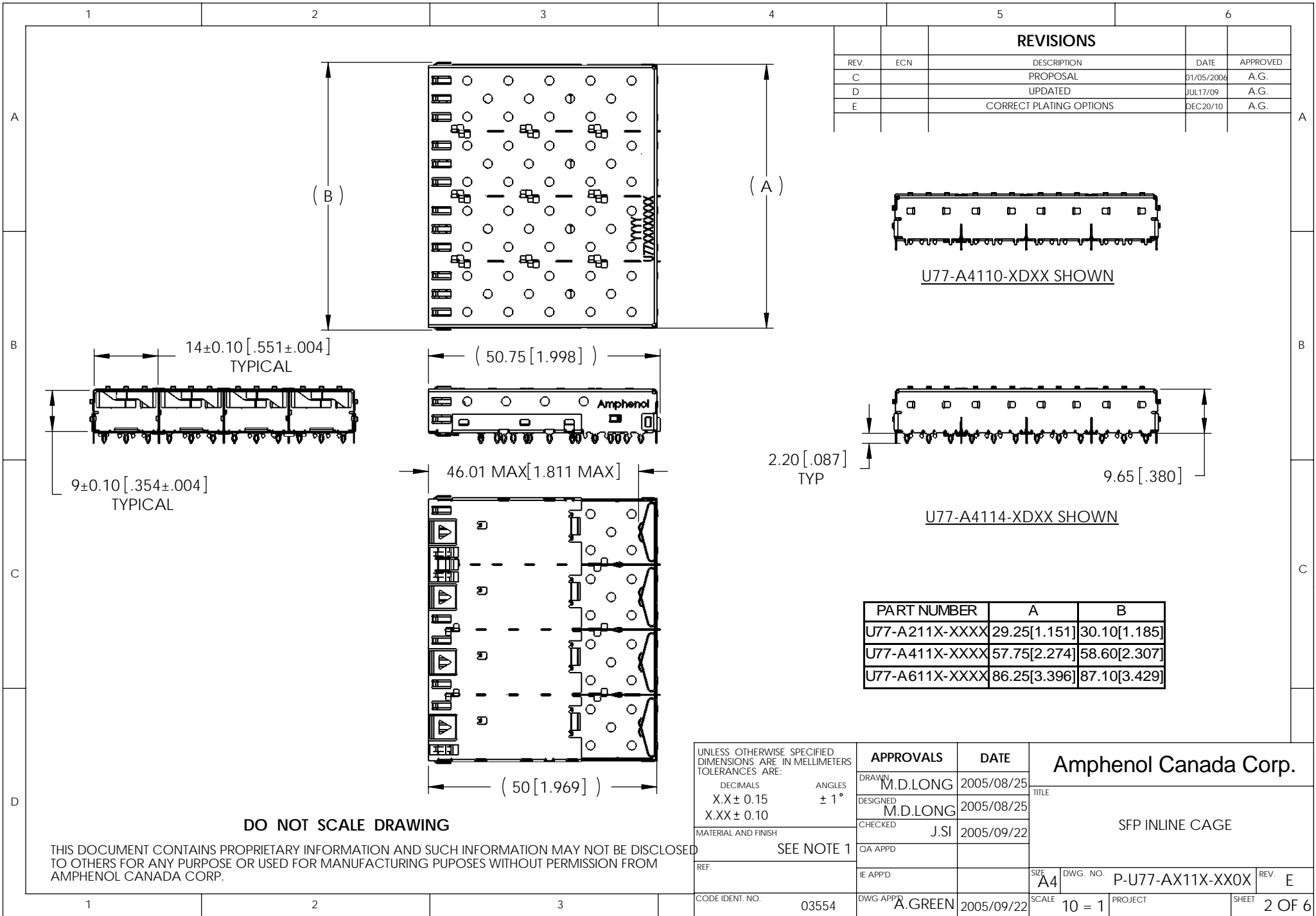
P/N U77-A6110-XD0X SHOWN

LAST DIGIT INDICATING PACKAGING TYPE, NOT PRINTED ON THE PART

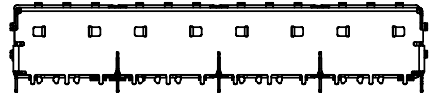
PART NUMBER

DATE CODE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MELLIMETERS TOLERANCES ARE:		<b>APPROVALS</b>		<b>DATE</b>		<b>Amphenol Canada Corp.</b>	
DECIMALS	ANGLES	DRAWN	M.D.LONG	2005/08/25	TITLE		
X.X ± 0.15	± 1°	DESIGNED	M.D.LONG	2005/08/25	SFP INLINE CAGE		
X.XX ± 0.10		CHECKED	J.SI	2005/09/22			
MATERIAL AND FINISH		QA APPD				SIZE A4 DWG. NO. P-U77-AX11X-XX0X REV. E	
SEE NOTE 1		IE APPD				SCALE 10 = 1 PROJECT SHEET 1 OF 6	
REF.		DWG APPD		A.GREEN		2005/09/22	
CODE IDENT. NO. 03554							



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.



U77-A4110-XDXX SHOWN



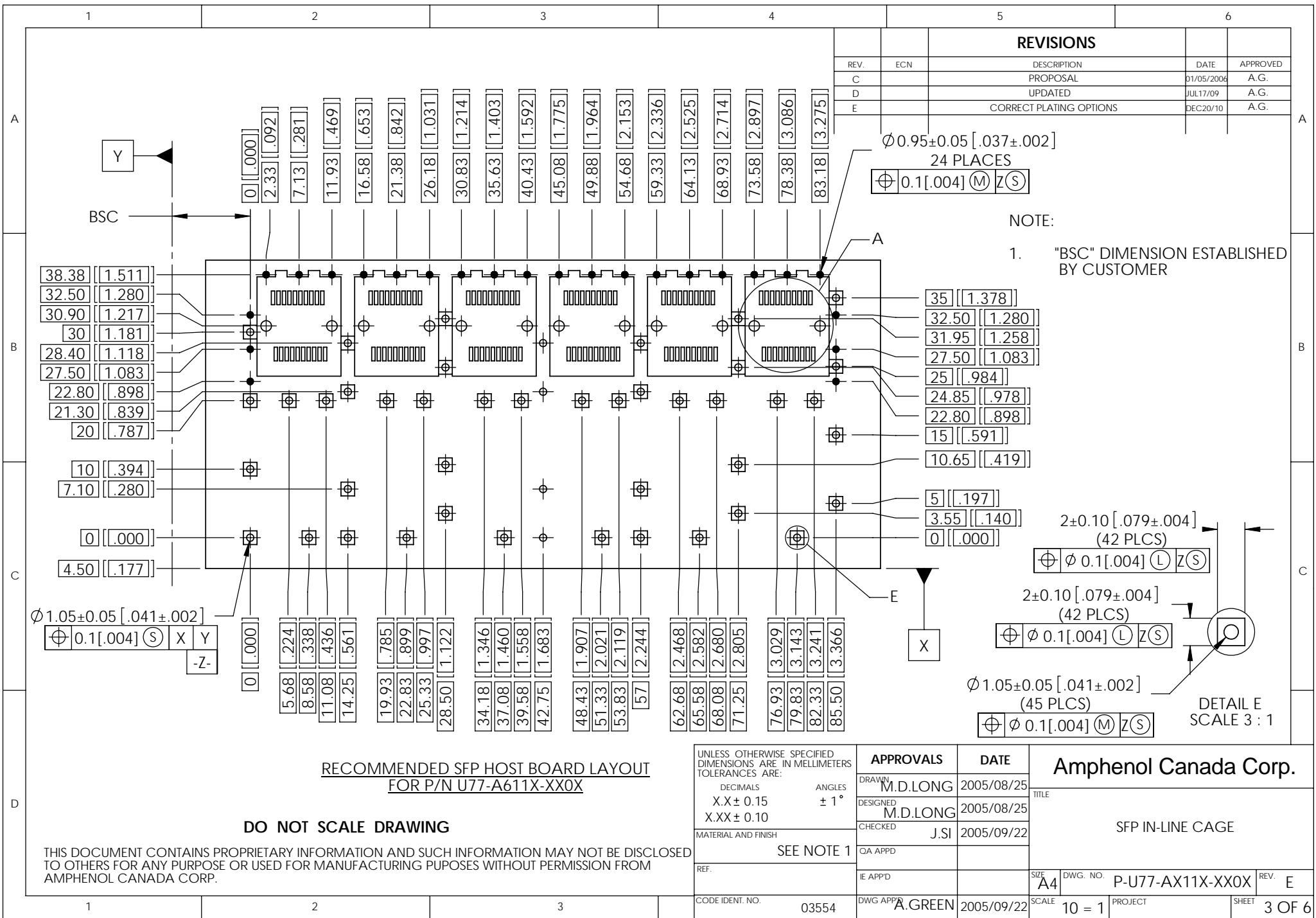
U77-A4114-XDXX SHOWN

PART NUMBER	A	B
U77-A211X-XXXX	29.25[1.151]	30.10[1.185]
U77-A411X-XXXX	57.75[2.274]	58.60[2.307]
U77-A611X-XXXX	86.25[3.396]	87.10[3.429]

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MELLIMETERS TOLERANCES ARE:		<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol Canada Corp.</b>	
DECIMALS	ANGLES	DRAWN	M.D.LONG	2005/08/25		
X.X ± 0.15	± 1°	DESIGNED	M.D.LONG	2005/08/25	TITLE SFP INLINE CAGE	
X.XX ± 0.10		CHECKED	J.SI	2005/09/22		
MATERIAL AND FINISH	SEE NOTE 1	QA APPD			SIZE A4	DWG. NO. P-U77-AX11X-XX0X
REF.		IE APPD			SCALE 10 = 1	PROJECT
CODE IDENT. NO.	03554	DWG APPD	A.GREEN	2005/09/22	SHEET	2 OF 6



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.

$\varnothing 0.95 \pm 0.05$  [.037  $\pm$  .002]  
 24 PLACES  
 $\varnothing 0.1$  [.004] (M) Z(S)

NOTE:  
 1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER

- 35 [.1378]
- 32.50 [.1280]
- 31.95 [.1258]
- 27.50 [.1083]
- 25 [.984]
- 24.85 [.978]
- 22.80 [.898]
- 15 [.591]
- 10.65 [.419]
- 5 [.197]
- 3.55 [.140]
- 0 [.000]

$2 \pm 0.10$  [.079  $\pm$  .004] (42 PLCS)  
 $\varnothing 0.1$  [.004] (L) Z(S)

$2 \pm 0.10$  [.079  $\pm$  .004] (42 PLCS)  
 $\varnothing 0.1$  [.004] (L) Z(S)

$\varnothing 1.05 \pm 0.05$  [.041  $\pm$  .002] (45 PLCS)  
 $\varnothing 0.1$  [.004] (M) Z(S)

DETAIL E  
SCALE 3 : 1

**RECOMMENDED SFP HOST BOARD LAYOUT  
 FOR P/N U77-A611X-XX0X**

**DO NOT SCALE DRAWING**

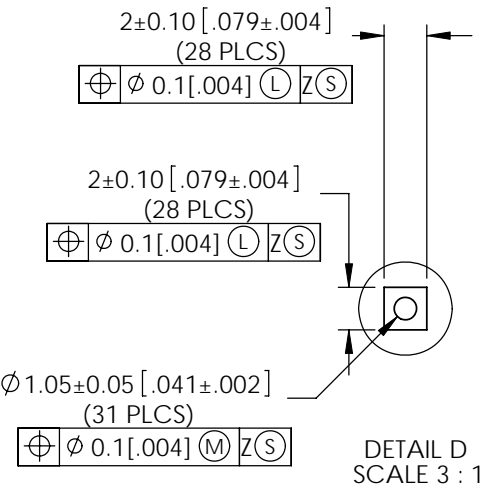
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X $\pm$ 0.15 ANGLES $\pm 1^\circ$ X.XX $\pm$ 0.10		APPROVALS	DATE	Amphenol Canada Corp.	
MATERIAL AND FINISH SEE NOTE 1		DRAWN M.D.LONG	2005/08/25	TITLE	
REF.		DESIGNED M.D.LONG	2005/08/25	SFP IN-LINE CAGE	
CODE IDENT. NO. 03554		CHECKED J.SI	2005/09/22	SIZE A4 DWG. NO. P-U77-AX11X-XX0X REV. E	
		IE APPD		SCALE 10 = 1 PROJECT SHEET 3 OF 6	
		DWG APPD A.GREEN	2005/09/22		



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.

NOTE:  
1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER



**RECOMMENDED SFP HOST BOARD LAYOUT  
FOR P/N U77-A411X-XXXX**

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MELLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.15 ± 1° X.XX ± 0.10		<b>APPROVALS</b>		<b>DATE</b>		<b>Amphenol Canada Corp.</b>	
MATERIAL AND FINISH SEE NOTE 1		DRAWN M.D.LONG		2005/08/25			
REF.		DESIGNED M.D.LONG		2005/08/25		SIZE A4 DWG. NO. P-U77-AX11X-XX0X REV. E	
CODE IDENT. NO. 03554		CHECKED J.SI		2005/09/22			
		QA APPD					
		IE APPD					
		DWG APPD A.GREEN		2005/09/22			



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.

NOTE:  
1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER

RECOMMENDED SFP HOST BOARD LAYOUT  
FOR P/N U77-A211X-XXXX

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DECIMALS	ANGLES	DRAWN	M.D.LONG	2005/08/30	
X.X ± 0.15	± 1°	DESIGNED	M.D.LONG	2005/08/30	
X.XX ± 0.10		CHECKED	J.SI	2005/09/22	
MATERIAL AND FINISH		QA APPD			
SEE NOTE 1		IE APPD			
REF.		IE APPD			SIZE A4 DWG. NO. P-U77-AX11X-XX0X REV. E
CODE IDENT. NO.	03554	DWG APPD	A.GREEN	2005/09/22	SCALE 10 = 1 PROJECT SHEET 5 OF 6

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C		PROPOSAL	01/05/2006	A.G.
D		UPDATED	JUL17/09	A.G.
E		CORRECT PLATING OPTIONS	DEC20/10	A.G.



DETAIL A  
SCALE 3 : 1



SECTION C-C  
SCALE 1 : 1

PART NUMBER	C
U77-A211X-XXXX	29.5[1.161]
U77-A411X-XXXX	58.0[2.283]
U77-A611X-XXXX	86.5[3.406]

RECOMMENDED BEZEL DESIGN

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DECIMALS	ANGLES	DRAWN	M.D.LONG	2005/08/25	
X.X ± 0.15	± 1°	DESIGNED	M.D.LONG	2005/08/25	
X.XX ± 0.10		CHECKED	J.SI	2005/09/22	
MATERIAL AND FINISH		QA APPD			
SEE NOTE 1		IE APPD			SIZE <b>A4</b>
REF.		DWG APPD	A.GREEN	2005/09/22	DWG. NO. <b>P-U77-AX11X-XX0X</b>
CODE IDENT. NO.	03554	SCALE	10 = 1	PROJECT	REV. <b>E</b>
				SHEET	6 OF 6



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.