

MATERIAL (RoHS COMPLIANT):

CAGE:
COPPER ALLOY

PLATING:(SEE PART NUMBER FOR OPTION)

OPTION1:100μ" [2.54 μm] MIN. BRIGHT TIN PLATING OVER 50
μ" (1.27 μm) MIN. NICKEL UNDER PLATING. (BRIGHT TIN
SOLDER TEMPERATURE 230°C MAX.).

OPTION3: 100μ" [2.54 μm] MIN. MATTE TIN PLATING OVER 50
μ" (1.27 μm) MIN. NICKEL UNDER PLATING.(MATTE TIN

SOLDER
TEMPRETURE 245°C MAX. IN 10 SECONDS OF PEAK TIME,)

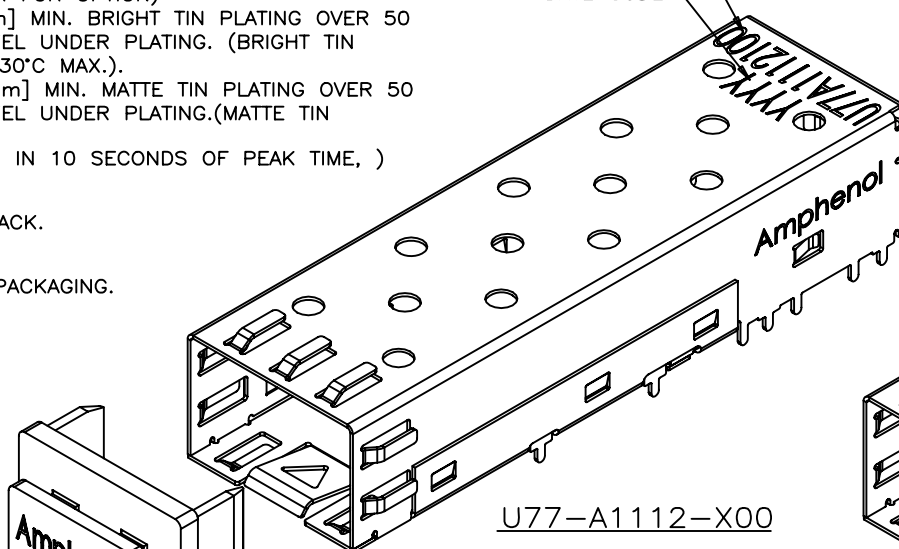
DUST COVER
THERMOPLASTIC, COLOR BLACK.

PACKAGING:
TAPE AND REEL OR TRAY PACKAGING.

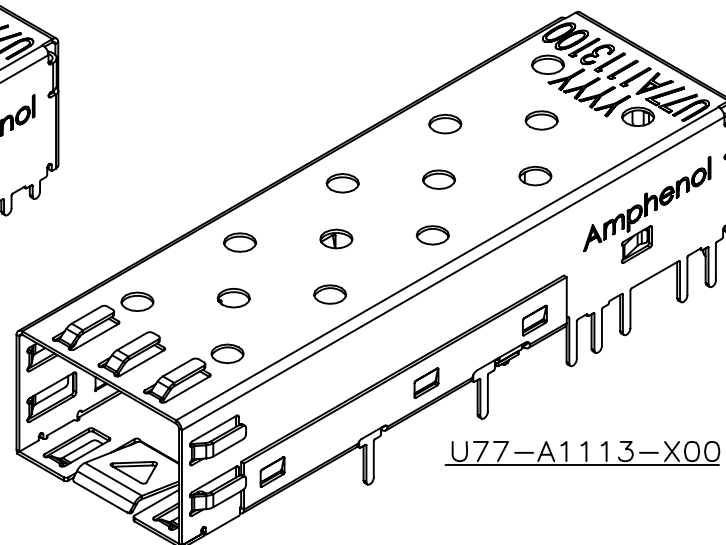
TEMPERATURE RANGE:
-40°C TO +85°C

PART NUMBER
(P/N DOES NOT INCLUDE PACKAGING
TYPE AND DUST COVER OPTION)

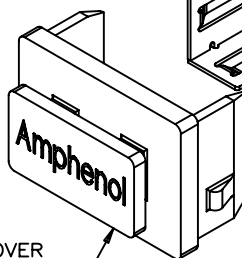
DATE CODE



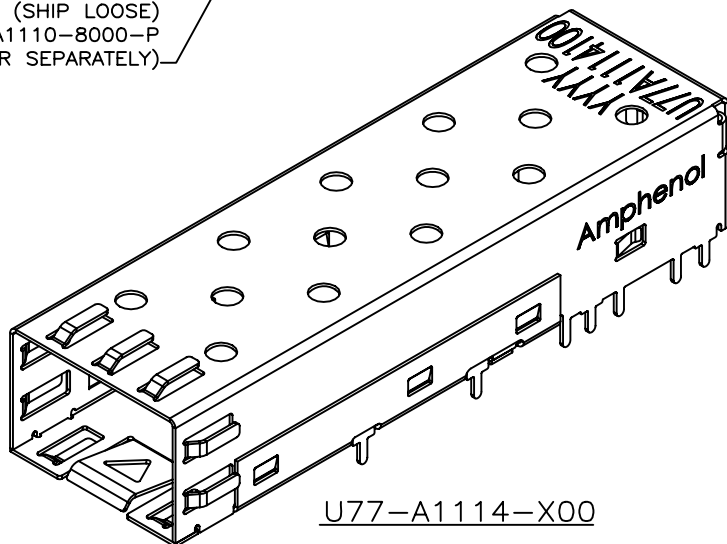
U77-A1112-X00



U77-A1113-X00



OPTIONAL DUST COVER
(SHIP LOOSE)
P/N U77-A1110-8000-P
(IF ORDER SEPARATELY)



U77-A1114-X00

AMPHENOL PART NUMBER CONFIGURATION

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

SOLDER TAIL HEIGHT

2 = 1.2 mm (20 SOLDER PINS)
3 = 3.2 mm (20 SOLDER PINS)
4 = 1.8 mm (20 SOLDER PINS)

PLATING

1 = BRIGHT TIN PLATING
3 = MATTE TIN PLATING

OPTIONAL DUST COVER

0 = NO DUST COVER
D = WITH DUST COVER (SHIP LOOSE)

PACKAGING

1 = TRAY PACKAGING
(SEE PAGE 5 FOR DETAILS)
T = TAPE & REEL PACKAGING
(STANDARD CAGE ORIENTATION)
(SEE PAGE 6 FOR DETAILS)
R = TAPE & REEL PACKAGING
(REVERSED CAGE ORIENTATION)
(SEE PAGE 7 FOR DETAILS)



DRAWN	J.SI	DATE	2006/02/23
DESIGNED	J.SI	DATE	2006/02/23
CHECKED	X		X
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES (mm)	CODE ID. NO.	03554

Amphenol Canada Corp.

TITLE

SFP SINGLE CAGE
WITH SOLDER PINS

DWG
A

DRAWING NO.

P-U77-A111X-XX0X

REV.
F

SCALE

2:1

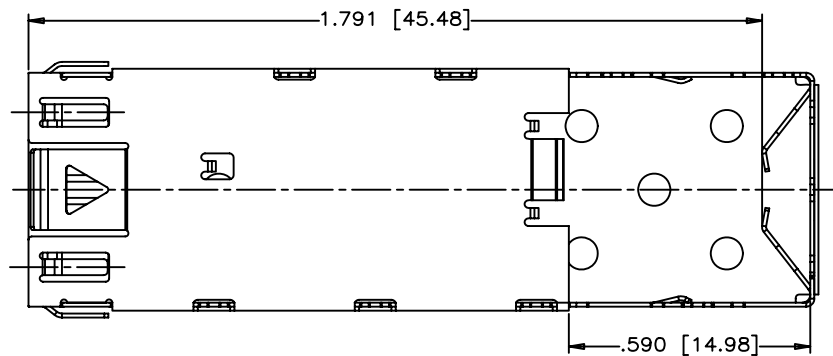
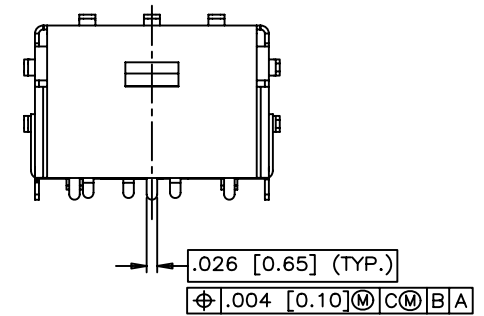
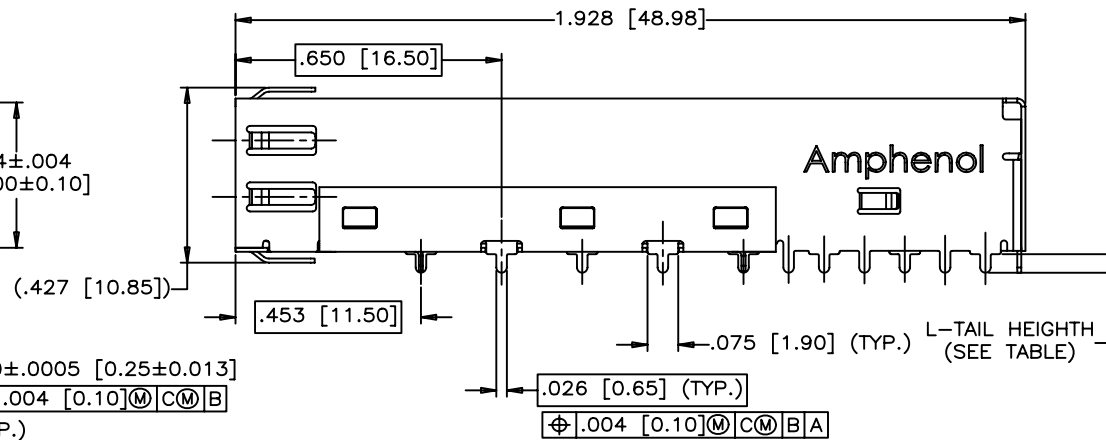
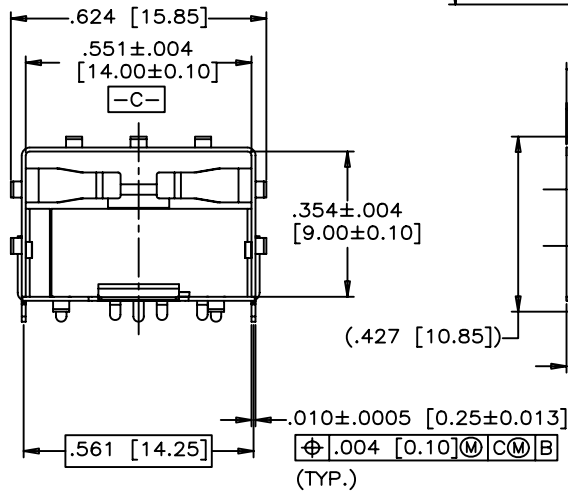
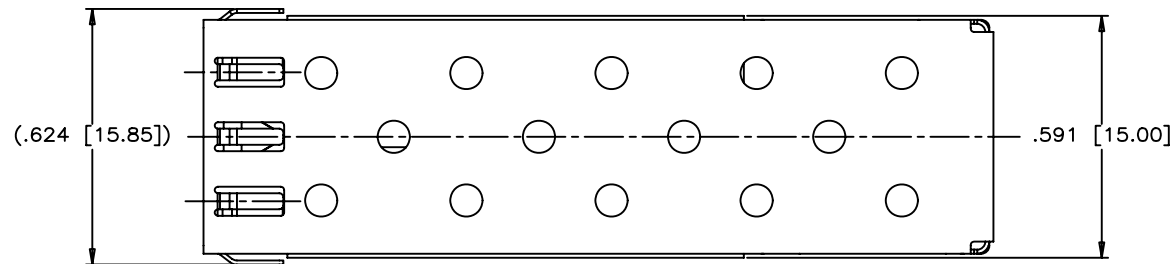
WT.

SURF.

SHEET 1 OF 7

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

E		F		
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		UPDATED	2008/03/01	
E		MATTE TIN PLATING OPTION ADDED	2007/07/29	J.SI
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.



TABLE

PART NUMBER	SOLDER TAIL HEIGHT (mm)
U77-A1112-XX0X	1.20
U77-A1113-XX0X	3.20
U77-A1114-XX0X	1.80

DRAWN	J.SI	DATE	2006/02/2
DESIGNED	J.SI		2006/02/2
CHECKED	X		x
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN		CODE ID. NO	
INCHES /mm			03554

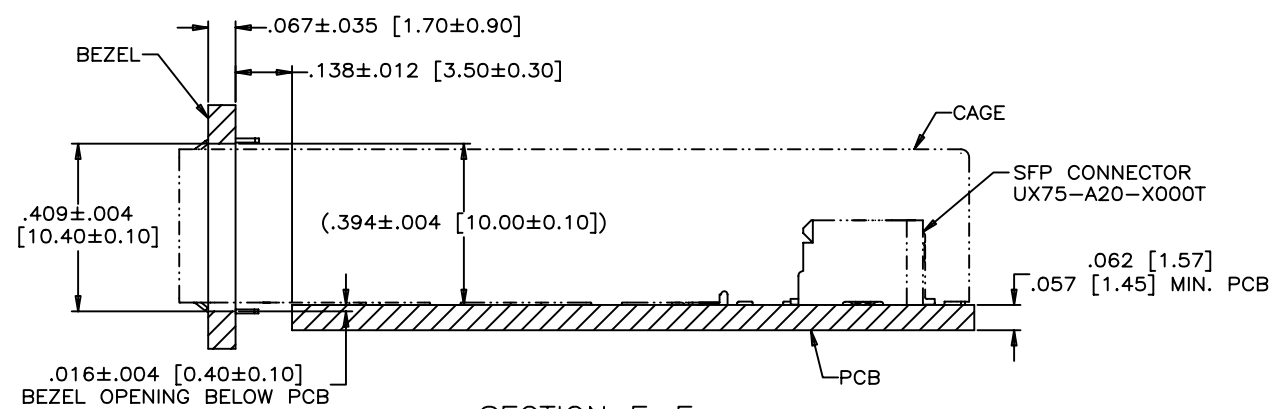
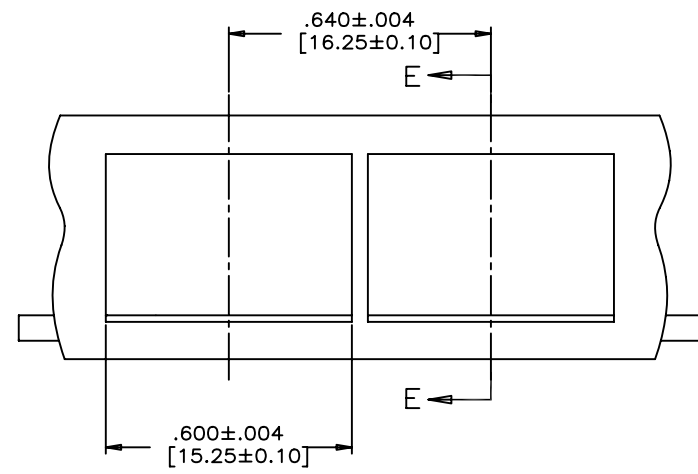
Amphenol Canada Corp.

TITLE	SFP SINGLE CAGE WITH SOLDER PINS
-------	-------------------------------------

DWG A	DRAWING NO. P-U77-A111X-XX0X				REV. F
SCALE 2:1	WT. -----	SURF. -----	SHEET 2 OF 7		

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

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		UPDATED	2006/03/01	
E		MATTE TIN PLATING OPTION ADDED	2007/07/29	J.SI
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.

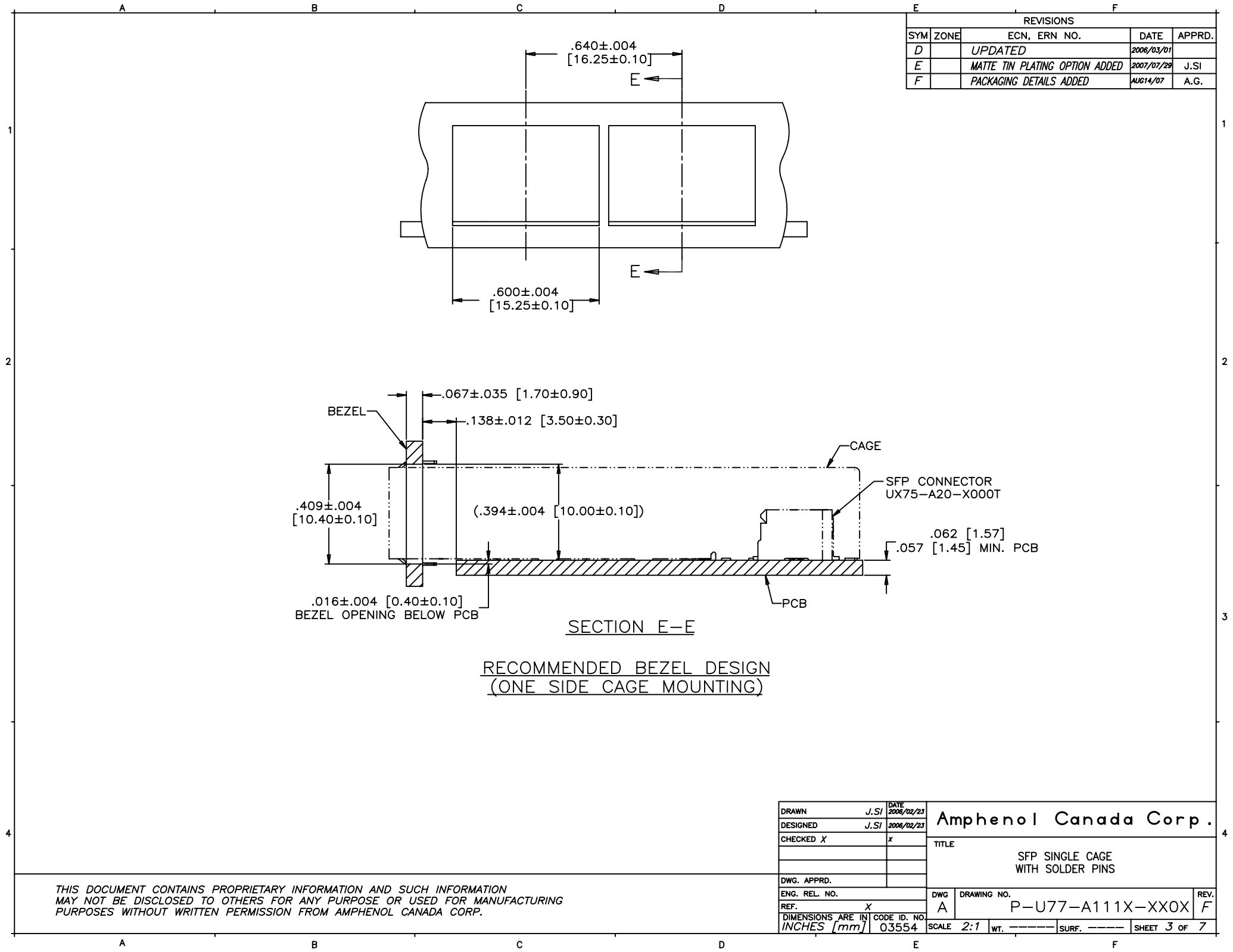


SECTION E-E

RECOMMENDED BEZEL DESIGN
(ONE SIDE CAGE MOUNTING)

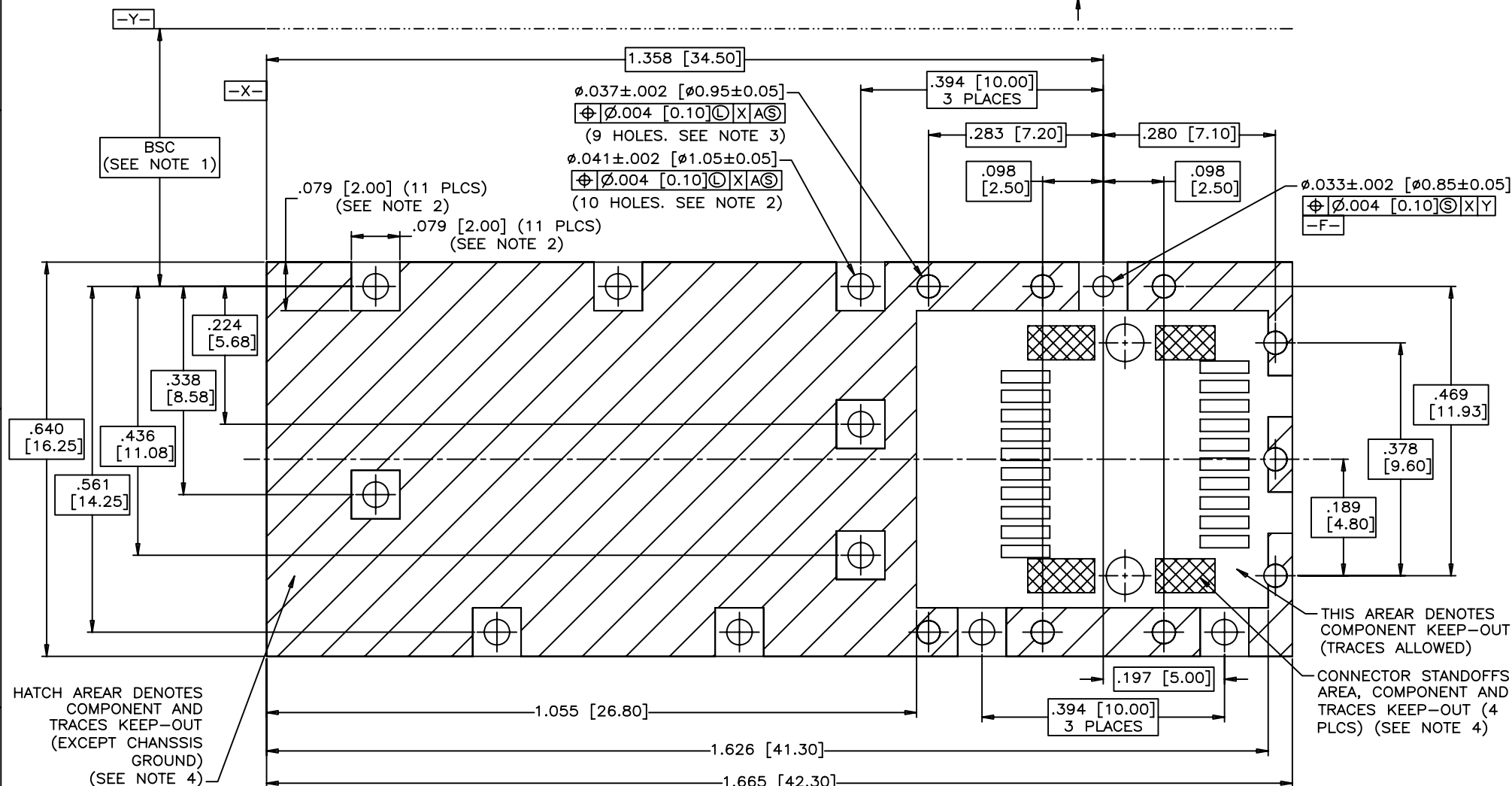
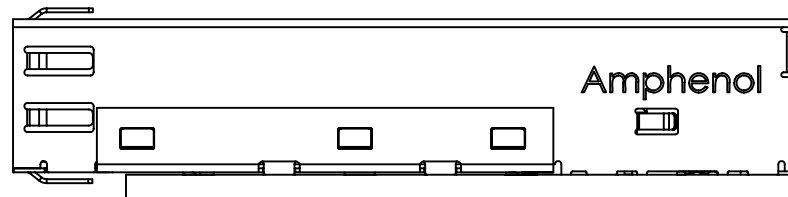
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

DRAWN J.SI		DATE 2006/02/23	Amphenol Canada Corp.	
DESIGNED J.SI		2006/02/23		
CHECKED X		X	TITLE SFP SINGLE CAGE WITH SOLDER PINS	
DWG. APPRD.			DWG. A	
ENG. REL. NO.				
REF. X			DRAWING NO. P-U77-A111X-XX0X	
DIMENSIONS ARE IN INCHES (mm)		CODE ID. NO. 03554		
SCALE 2:1		WT. _____	SURF. _____	SHEET 3 OF 7



- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
 2. PADS AND VIAS ARE CHASSIS GROUND, 11 PLACES.
 3. THRU HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-U75-A20-XX00X FOR CONNECTOR PCB LAYOUT.

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		UPDATED	2006/03/01	
E		MATTE TIN PLATING OPTION ADDED	2007/07/29	J.SI
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.



RECOMMENDED SFP HOST BOARD LAYOUT
(ONE SIDE CAGE MOUNTING)
(SCALE 4:1)

DRAWN	J.SI	DATE	2006/02/23
DESIGNED	J.SI	DATE	2006/02/23
CHECKED	X		
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554

Amphenol Canada Corp.

TITLE
SFP SINGLE CAGE
WITH SOLDER PINS

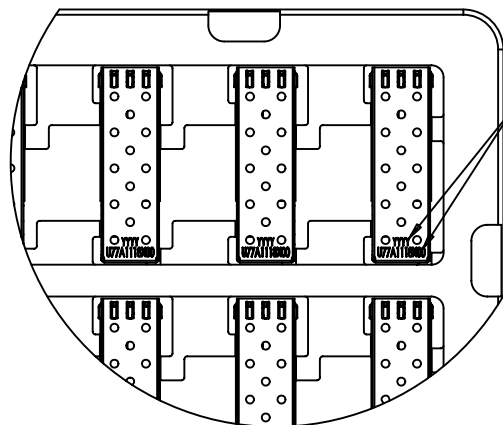
DWG	A	DRAWING NO.	P-U77-A111X-XX0X	REV.	F
SCALE	2:1	WT.		SURF.	
SHEET	4	OF	7		

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

NOTES:

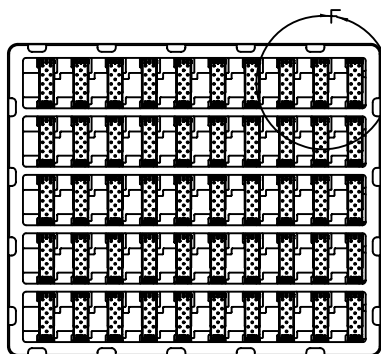
1. A FULLY LOADED TRAY TO CONTAIN 50 CAGES.
2. PLACE TRAYS INTO THE CARTON AS SHOWN. FULLY LOADED CARTON SHALL CONTAIN 10 TRAYS (500 SFP CAGES) PLUS ONE EMPTY TRAY ON THE TOP AS A COVER. FILL EMPTY SPACE IN THE CARTON WITH PAPER FOR ANY PARTIAL SHIPMENT.

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.

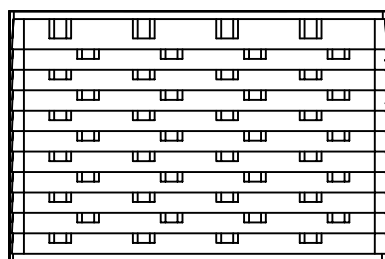


DATE CODE
& P/N

DETAIL F
SCALE 1:2



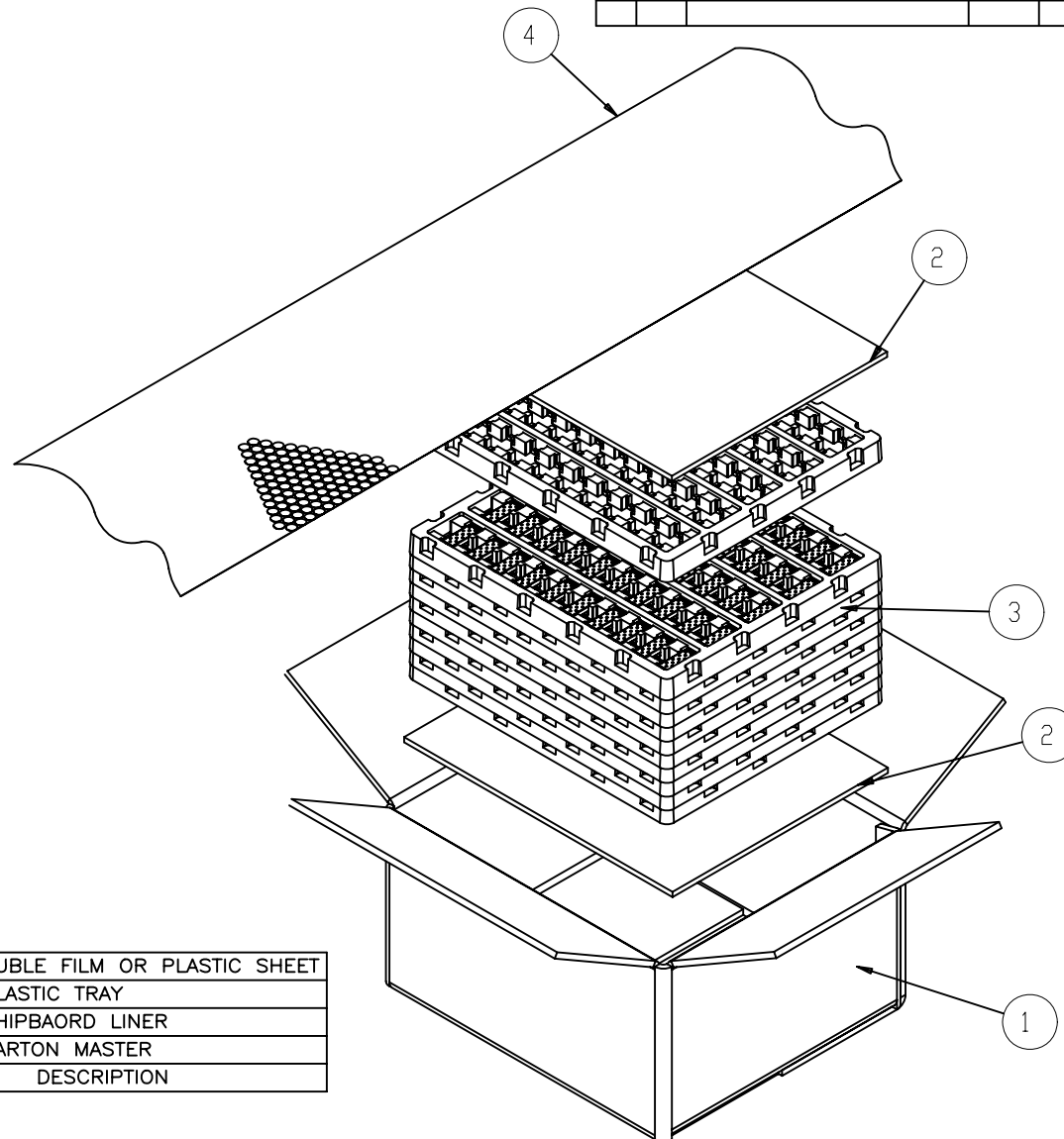
EMPTY TRAY



FULLY LOADED
TRAYS

4	BUBBLE FILM OR PLASTIC SHEET
3	PLASTIC TRAY
2	CHIPBOARD LINER
1	CARTON MASTER
ITEM No.	DESCRIPTION

U77-A111X-XX01 SHOWN



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

DRAWN J.SI DATE AUG12/07		Amphenol Canada Corp.	
DESIGNED J.SI DATE AUG12/07			
CHECKED X		TITLE	
		SFP SINGLE CAGE WITH SOLDER PINS (TRAY PACKAGING REFERENCE)	
DWG. APPRD.		DWG A	DRAWING NO.
ENG. REL. NO.		P-U77-A111X-XX0X	
REF. X		SCALE 1:8	REV. F
DIMENSIONS ARE IN INCHES (mm)		CODE ID. NO. 03554	SHEET 5 OF 7

1. A FULLY LOADED REEL TO CONTAIN 150 CAGES.
2. A FULLY LOADED CARTON SHALL CONTAIN 3 REELS.

Exploded view diagram of a 35mm film magazine assembly. The diagram includes detailed views of the magazine body, sprocket holes, and the film reel assembly. Dimensions are provided in inches and millimeters.

Dimensions:

- Overall height: 2.693 [68.40]
- Overall width: (3.051 [77.50])
- Height of sprocket holes: 2.835 [72.00]
- Height of sprocket holes (typical): .157 [4.00]
- Height of sprocket holes (typical): .945 [24.00]
- Inner diameter of film reel: $\phi 12.992$ [$\phi 330.00$]
- Inner diameter of film reel: $\phi .512$ [$\phi 13.00$]

Labels:

- ROUND SPROCKET HOLES
- DATE CODE
- PART NUMBER
- ELONGATED SPROCKET HOLES
- EMPTY POCKET LEADER SIDE

DETAIL G SCALE 1:2

7	FOAM INSERT
---	-------------

7	FOAM INSERT
6	CARTON MASTER
5	PLASTIC BAG FOR DUST COVER
4	COVER TAPE
3	CARRIER TAPE
2	LABEL
1	PLASTIC REEL (SET)
ITEM No.	DESCRIPTION

U77-A111X-XX0T SHOWN

DRAWN	J.SI	DATE	AUG12/07
DESIGNED	J.SI	AUG12/07	
CHECKED X		X	
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN INCHES [mm]		CODE ID. NO.	03554

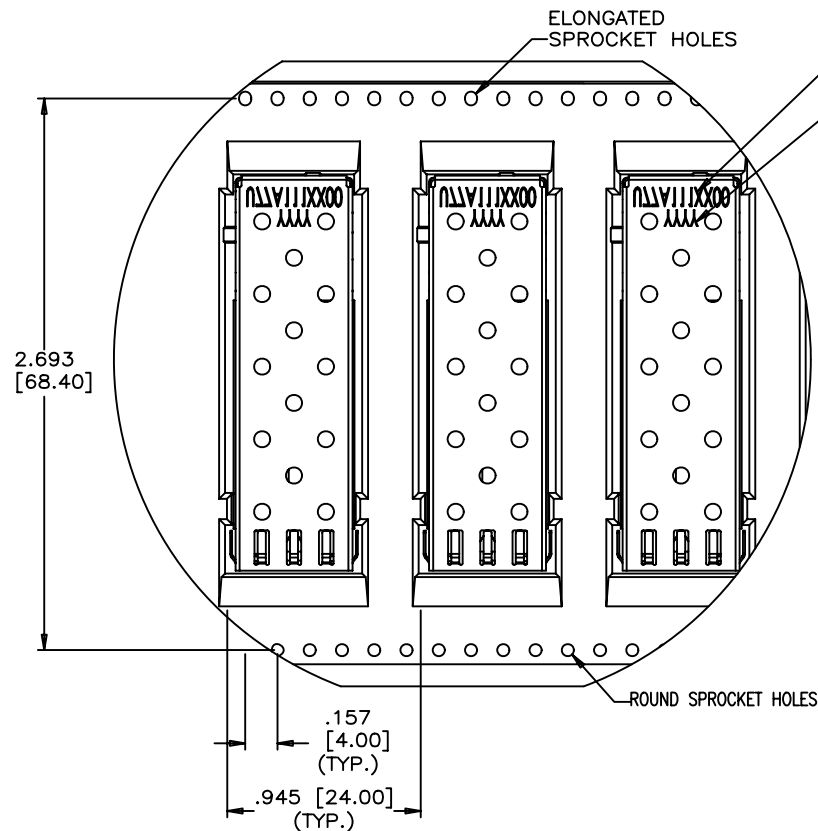
Amphenol Canada Corp

TITLE	SFP SINGLE CAGE WITH SOLDER PINS (T&R PACKAGING STD CAGE ORIENTATION)
DWG A	DRAWING NO. P-U77-A111X-XXOX
SCALE 1:8	WT. ----- SURF. ----- SHEET 6 OF 7

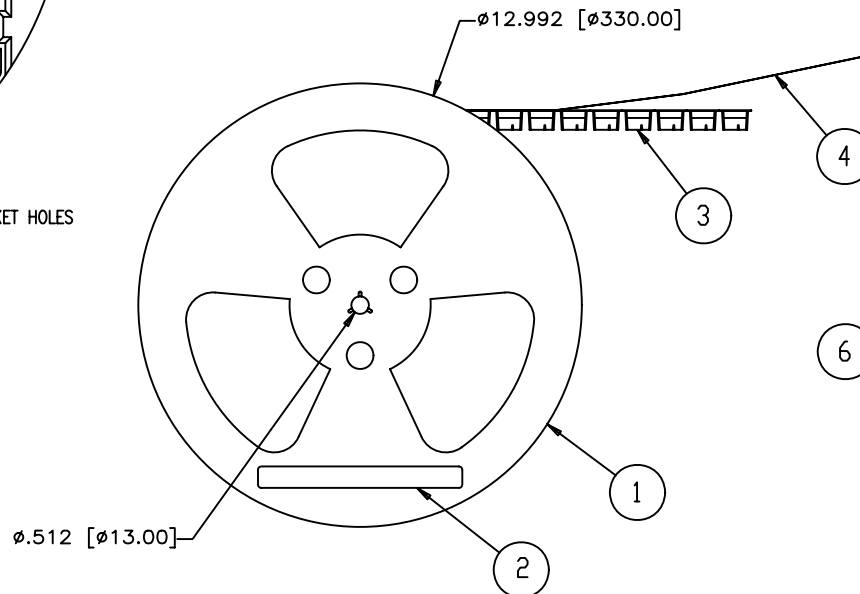
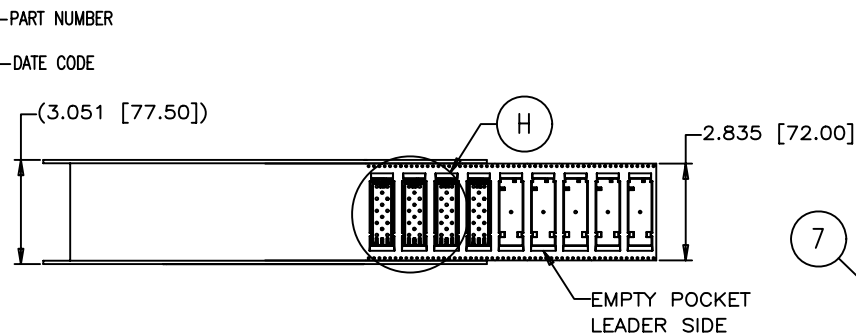
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

- NOTES:
1. A FULLY LOADED REEL TO CONTAIN 150 CAGES.
 2. A FULLY LOADED CARTON SHALL CONTAIN 3 REELS.

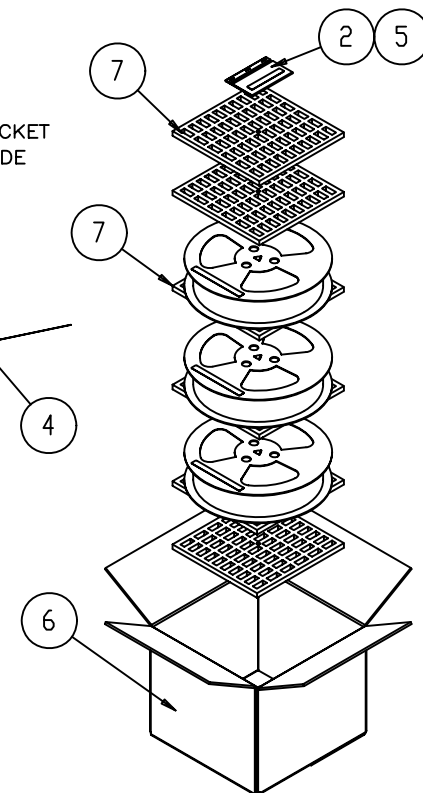
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.



DETAIL H SCALE 1:2



U77-A111X-XX0R SHOWN



7	FOAM INSERT
6	CARTON MASTER
5	PLASTIC BAG FOR DUST COVER
4	COVER TAPE
3	CARRIER TAPE
2	LABEL
1	PLASTIC REEL (SET)
ITEM No.	DESCRIPTION

DRAWN	J.SI	DATE	AUG12/07
DESIGNED	J.SI	DATE	AUG12/07
CHECKED	X		X
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554
	(mm)		

Amphenol Canada Corp.			
TITLE			
SFP SINGLE CAGE WITH SOLDER PINS (T&R PACKAGING STD CAGE ORIENTATION)			
DWG	A	DRAWING NO.	P-U77-A111X-XX0X
REV.	F		
SCALE	1:8	WT.	
SURF.			
SHEET 6 OF 7			

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