

MATERIAL (RoHS COMPLIANT):

CAGE:
COPPER ALLOY

PLATING:(SEE PART NUMBER FOR OPTION)

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

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

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

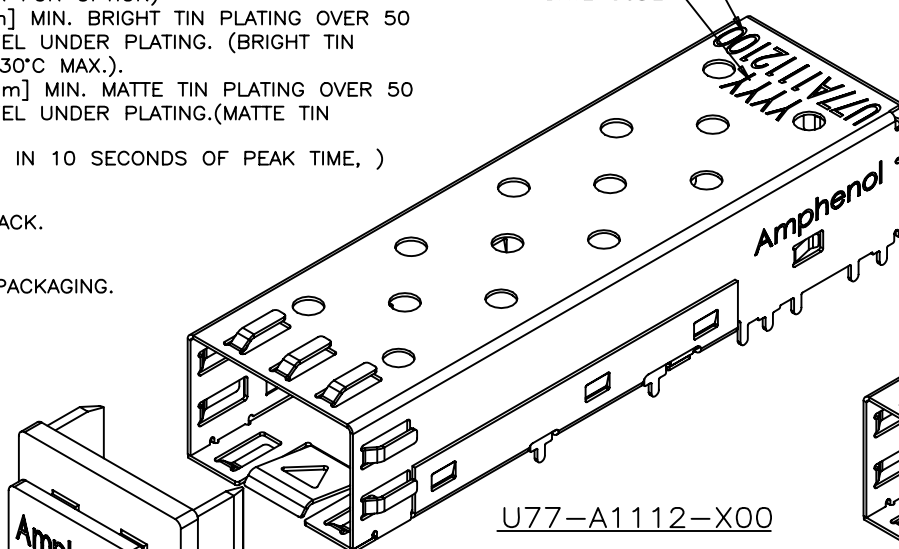
DUST COVER
THERMOPLASTIC, COLOR BLACK.

PACKAGING:
TAPE AND REEL OR TRAY PACKAGING.

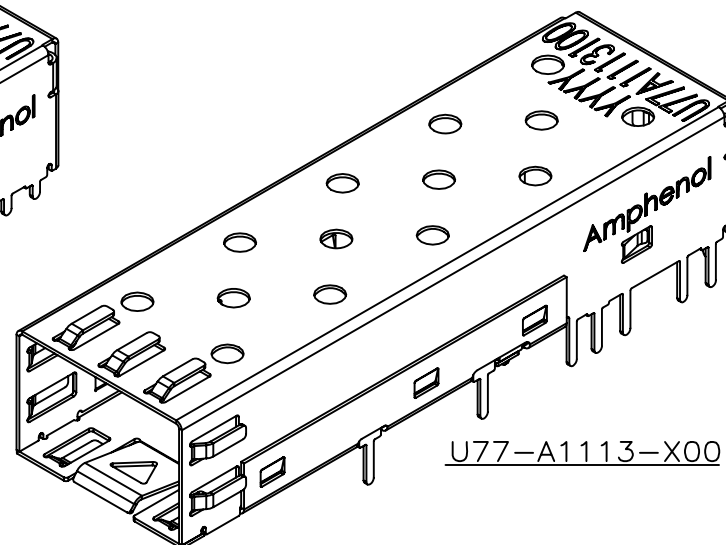
TEMPERATURE RANGE:
-40°C TO +85°C

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

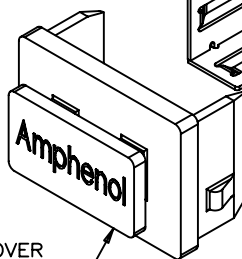
DATE CODE



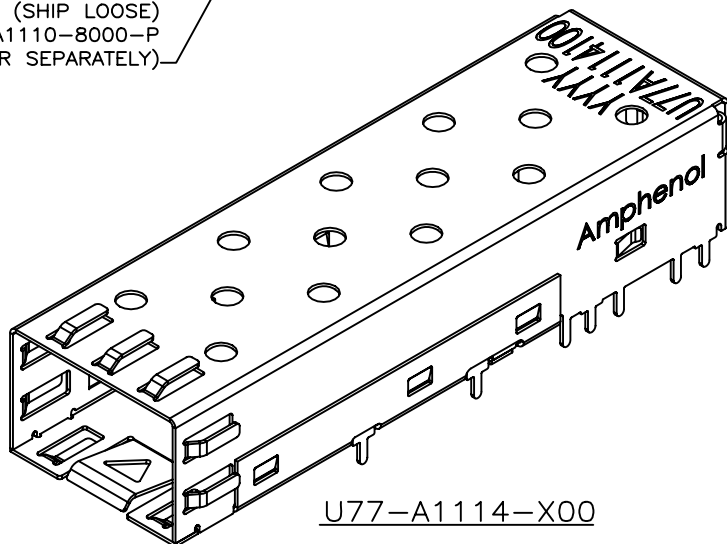
U77-A1112-X00



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

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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.

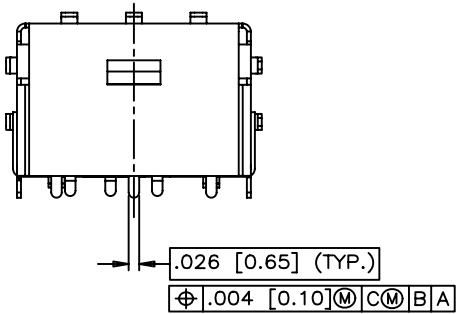
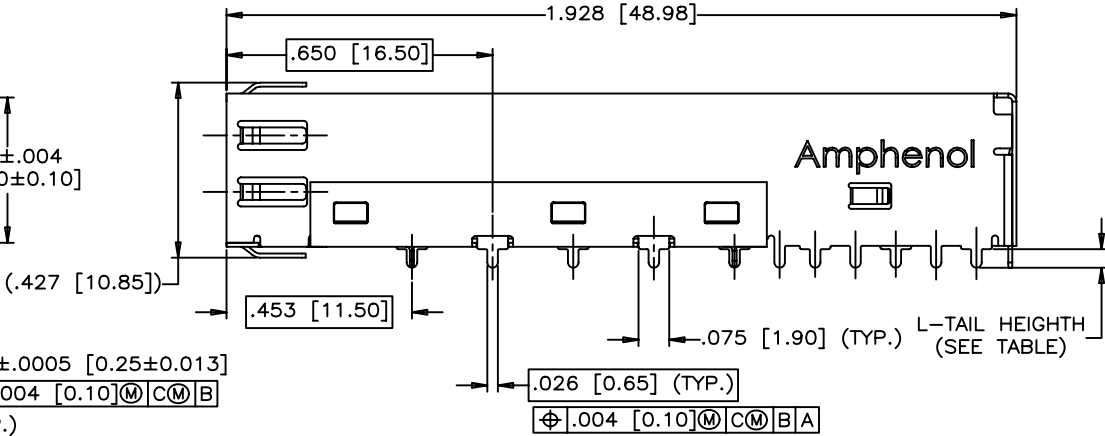
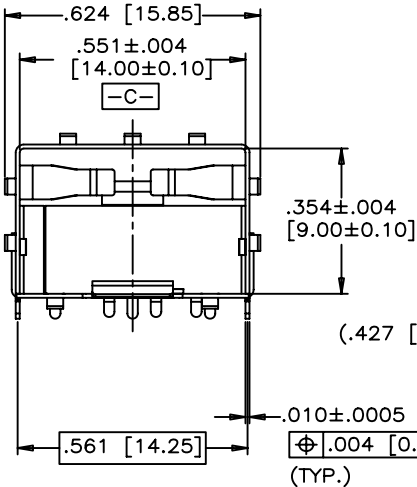
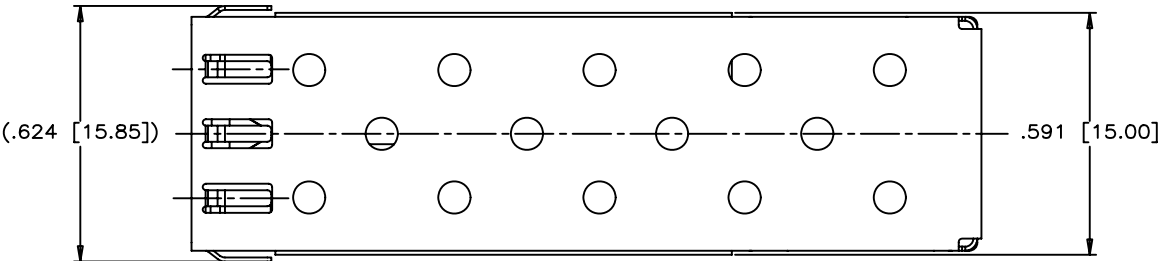
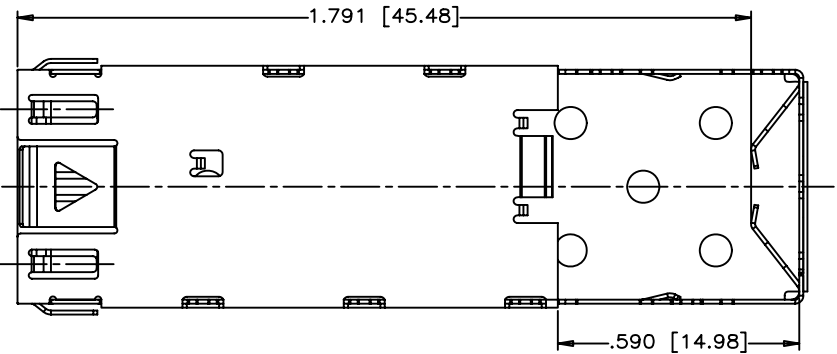


TABLE	
PART NUMBER	SOLDER TAIL HEIGHT (mm)
U77-A1112-XX0X	1.20
U77-A1113-XX0X	3.20
U77-A1114-XX0X	1.80



DRAWN	J.SI	DATE	2006/02/23
DESIGNED	J.SI	DATE	2006/02/23
CHECKED	X		
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554
SCALE	2:1	WT.	
SURF.			
SHEET	2	OF	7

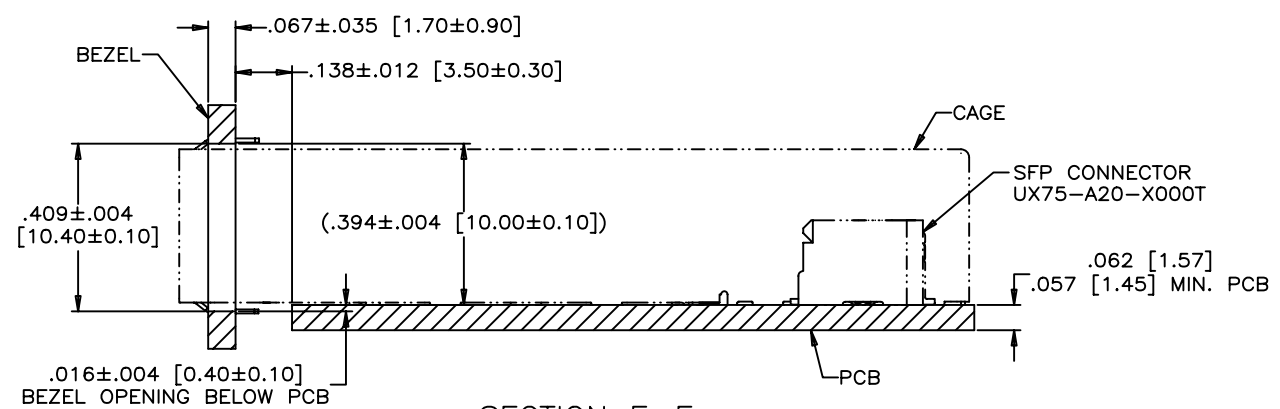
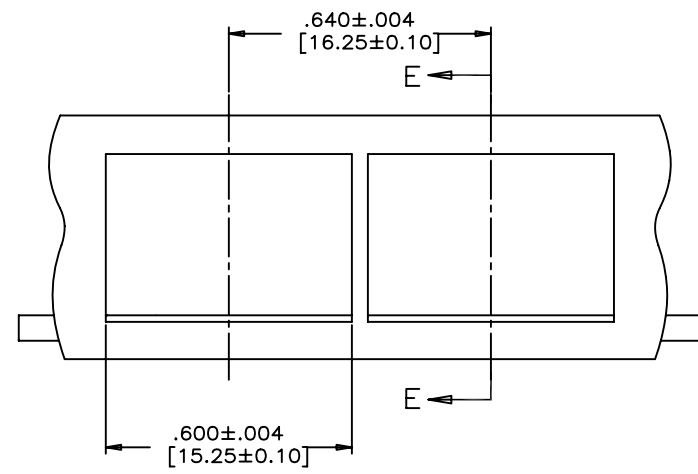
Amphenol Canada Corp.

TITLE
SFP SINGLE CAGE
WITH SOLDER PINS

DWG. A
DRAWING NO. P-U77-A111X-XX0X
REV. F

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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)

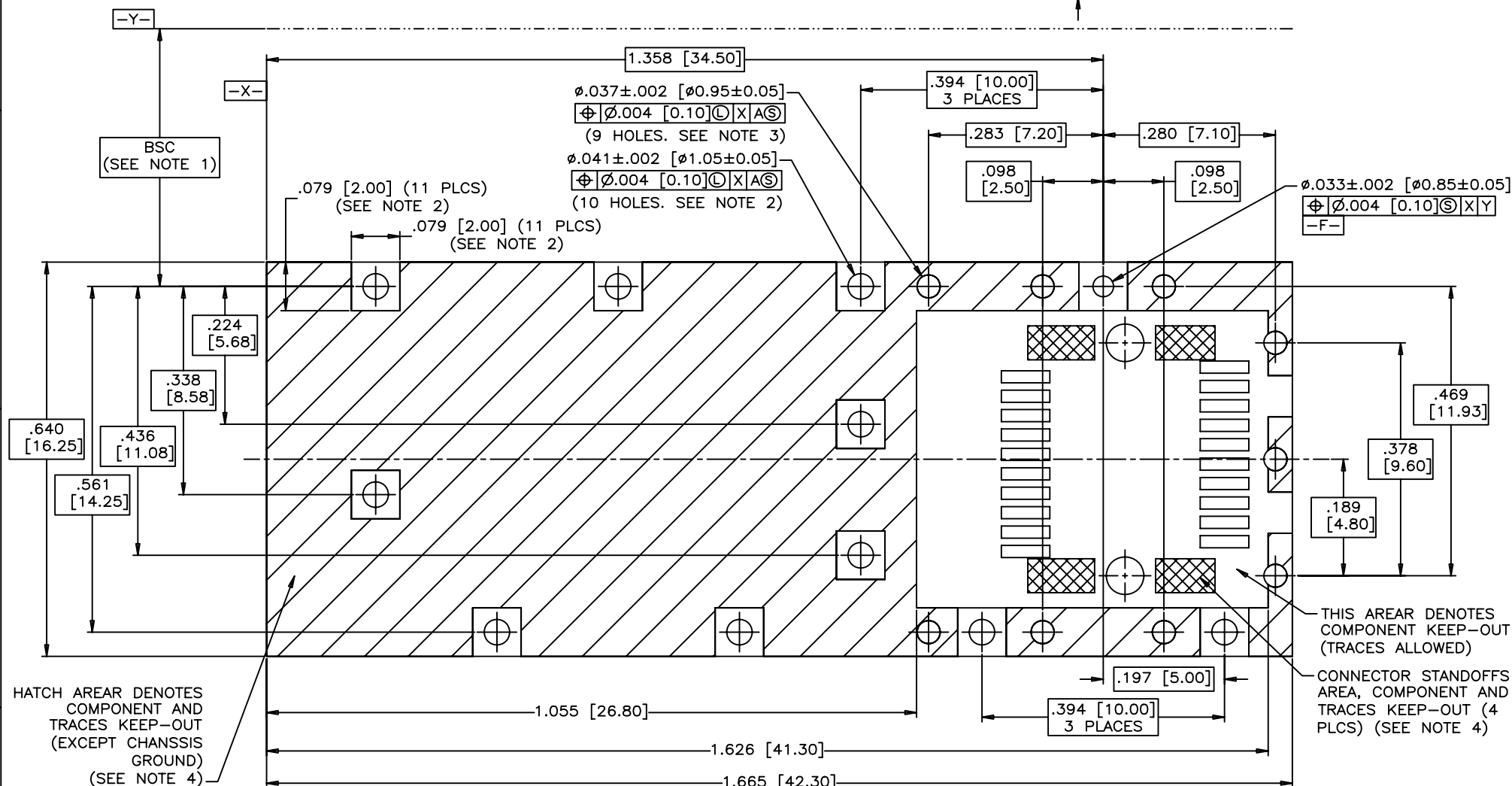
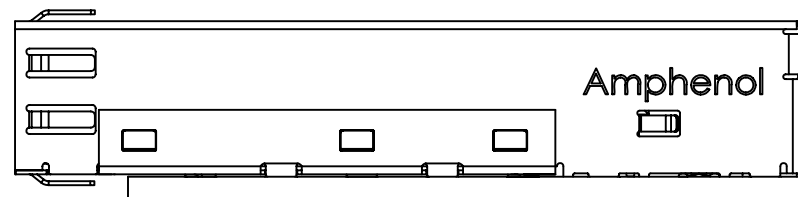
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DRAWN J.SI		DATE 2006/02/23		Amphenol Canada Corp.	
DESIGNED J.SI		2006/02/23			
CHECKED X		X		TITLE	
				SFP SINGLE CAGE WITH SOLDER PINS	
DWG. APPRD.					
ENG. REL. NO.					
REF. X					
DIMENSIONS ARE IN INCHES (mm)		CODE ID. NO. 03554			
SCALE 2:1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

DWG. APPRD.		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.					
ENG. REL. NO.					
REF. X					
DIMENSIONS ARE IN INCHES (mm)		CODE ID. NO. 03554			
SCALE 2:1		WT. -----		SURF. -----	
				SHEET 3 OF 7	

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-X000X FOR CONNECTOR PCB LAYOUT.

E		F		
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.S/	DATE	2006/02/2
DESIGNED	J.S/		2006/02/2
CHECKED <i>X</i>			<i>x</i>
DWG. APPRD.			
ENG. REL. NO.			
REF.	<i>X</i>		
DIMENSIONS ARE IN		CODE ID. NO.	03554
INCHES [mm]			

Amphenol Canada Corp.

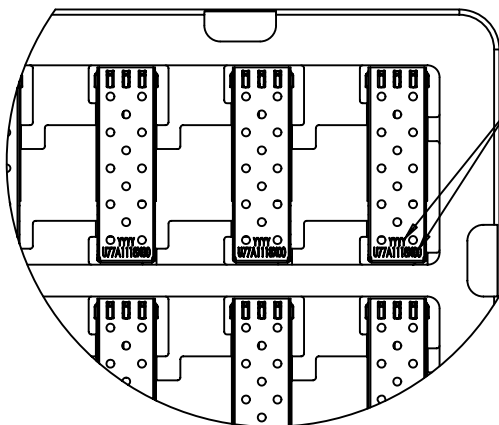
SFP SINGLE CAGE
WITH SOLDER PINS

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

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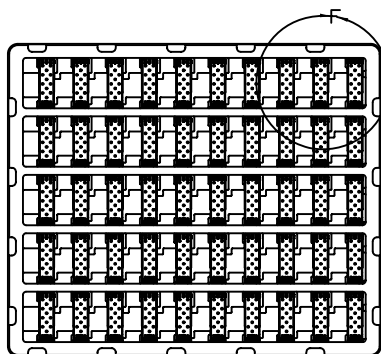
NOTES:

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.

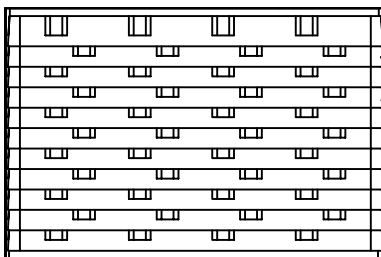


DATE CODE
& P/N

DETAIL F
SCALE 1:2



EMPTY TRAY

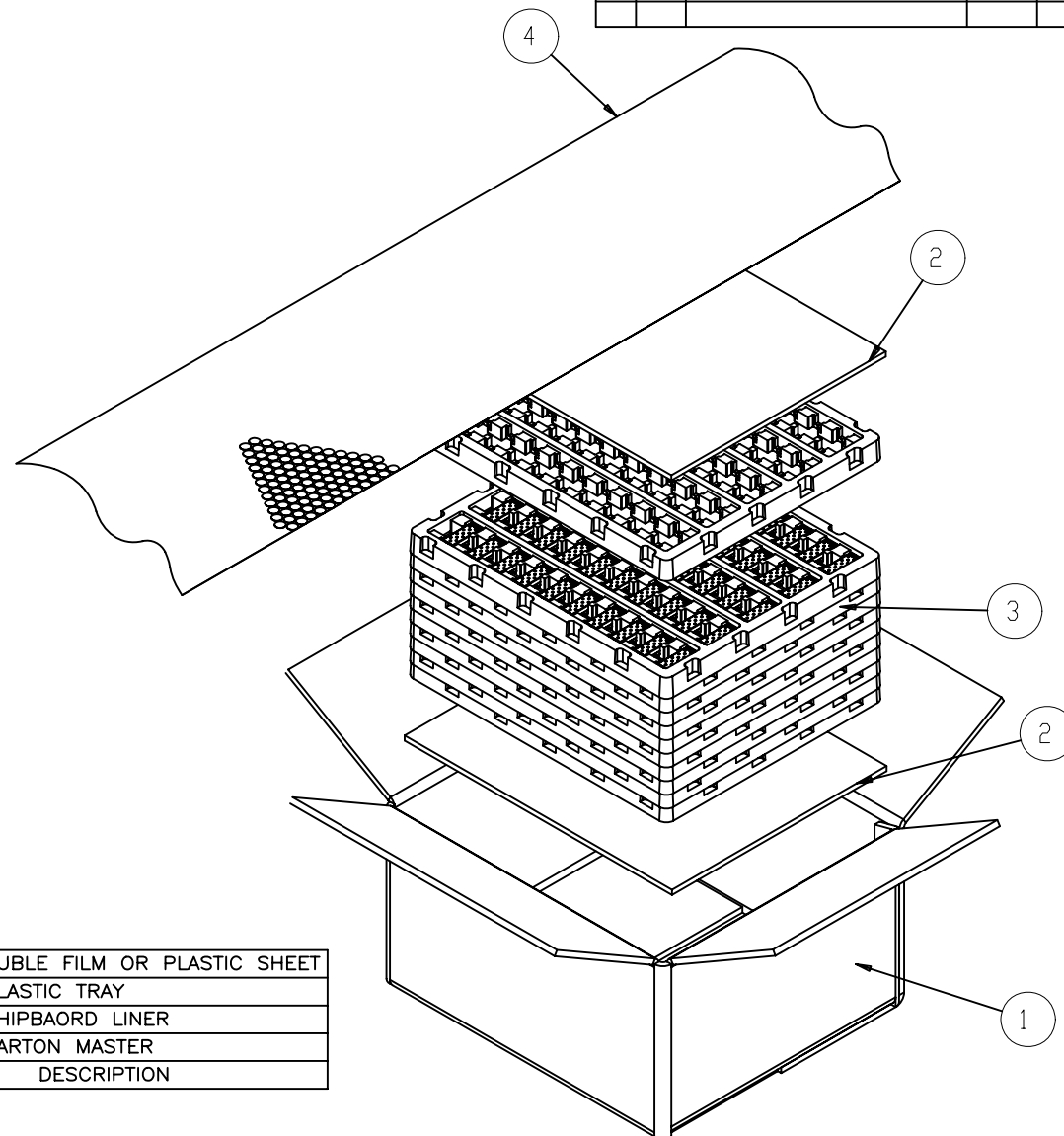


FULLY LOADED
TRAYS

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

U77-A111X-XX01 SHOWN

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



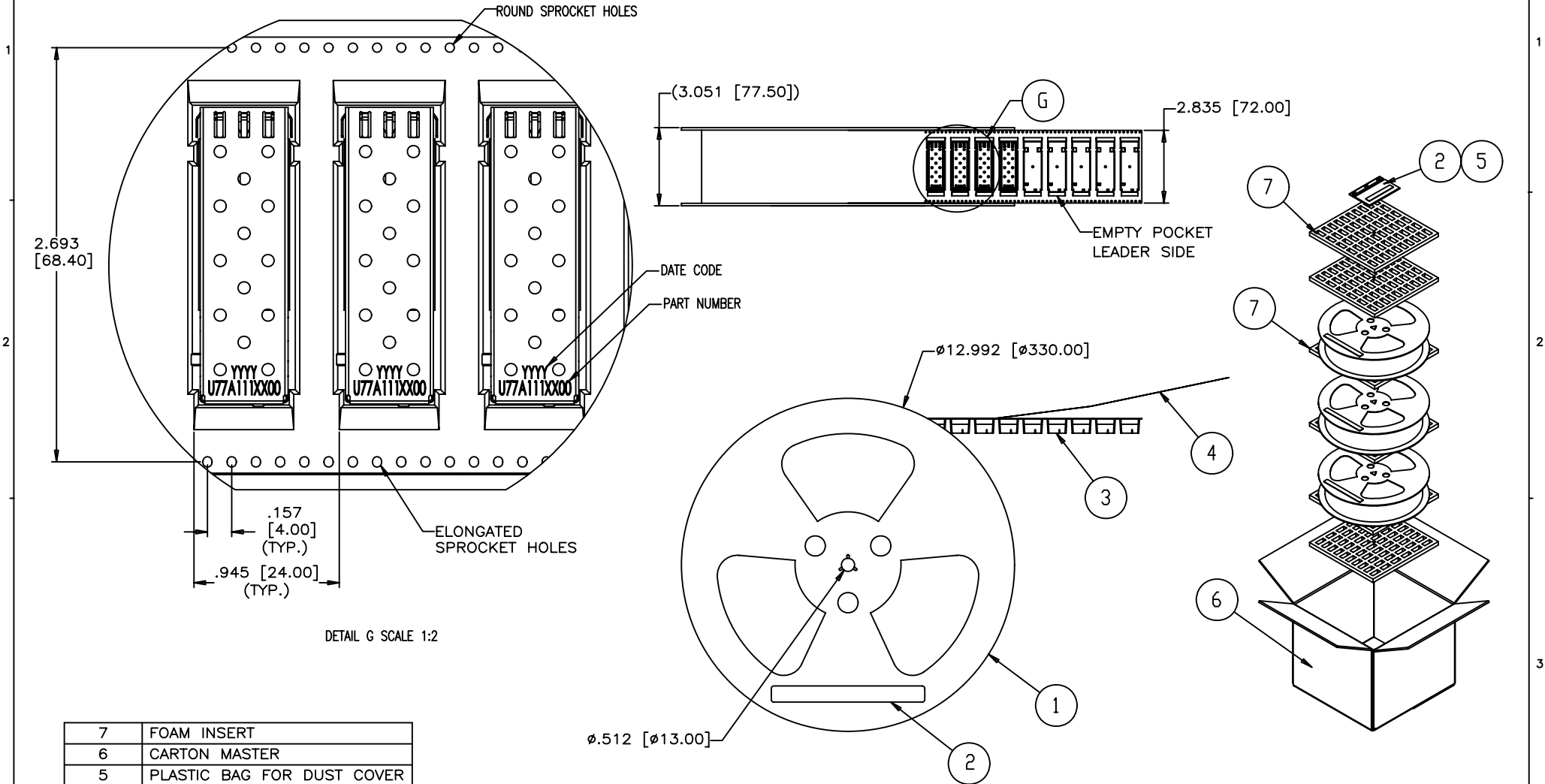
DRAWN	J.SI	DATE	AUG12/07
DESIGNED	J.SI	DATE	AUG12/07
CHECKED	X		X
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554

Amphenol Canada Corp.			
TITLE SFP SINGLE CAGE WITH SOLDER PINS (TRAY PACKAGING REFERENCE)			
DWG	A	DRAWING NO.	P-U77-A111X-XX0X
REV.	F		
SCALE	1:8	WT.	
SURF.			
SHEET 5 OF 7			

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- 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.



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

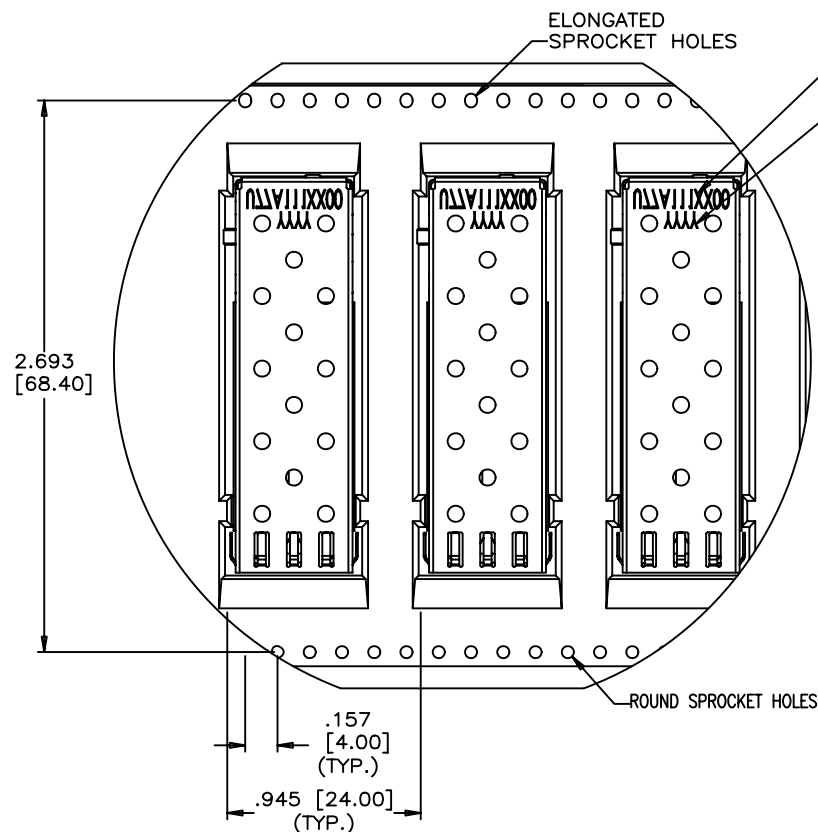
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DRAWN	J.SI	DATE	AUG12/07	Amphenol Canada Corp.	
DESIGNED	J.SI	DATE	AUG12/07		
CHECKED	X		X		
DWG. APPRD.				TITLE	
ENG. REL. NO.				SFP SINGLE CAGE WITH SOLDER PINS (T&R PACKAGING STD CAGE ORIENTATION)	
REF.	X			DWG	DRAWING NO.
DIMENSIONS ARE IN	INCHES (mm)	CODE ID. NO.	03554	A	P-U77-A111X-XX0X
SCALE	1:8	WT.		SURF.	
					REV. F
					SHEET 6 OF 7

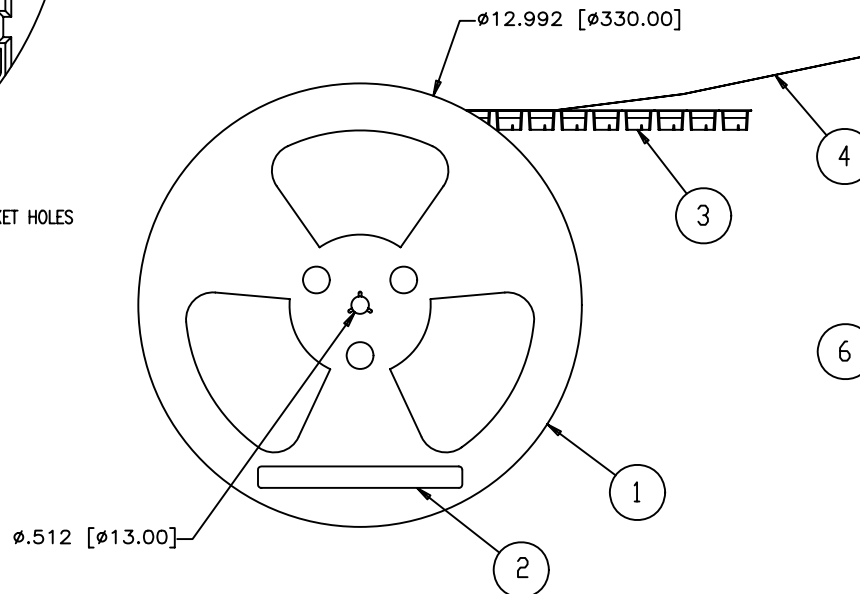
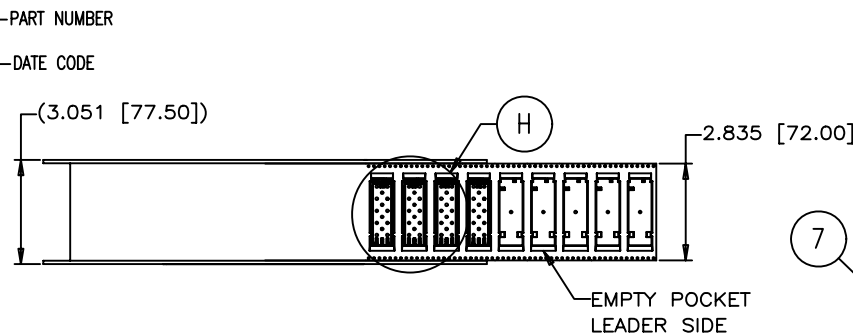
NOTES:

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

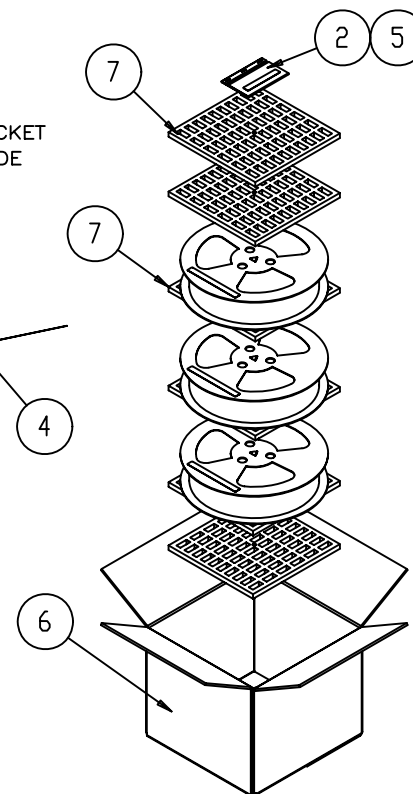
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
F		PACKAGING DETAILS ADDED	AUG14/07	A.G.



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		
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

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