

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.).

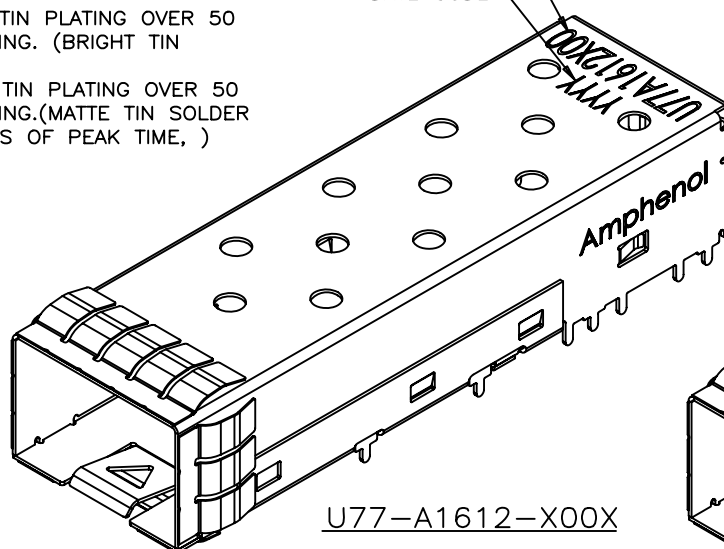
OPTION3: 100μ" [2.54 μm] MIN. MATTE TIN PLATING OVER 50 μ" (1.27 μm) MIN. NICKEL UNDER PLATING.(MATTE TIN SOLDER TEMPRETURE 245°C MAX. IN 10 SECONDS OF PEAK TIME, )

PACKAGING:  
TAPE AND REEL OR TRAY PACKAGING.

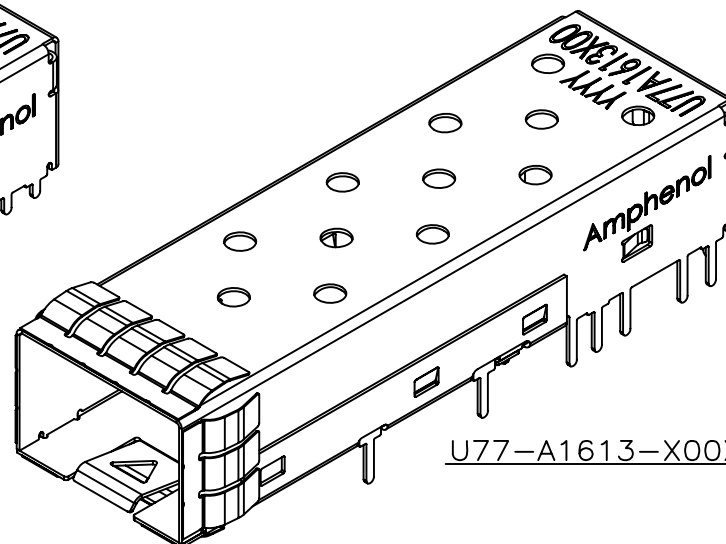
TEMPERATURE RANGE:  
-40°C TO +85°C

PART NUMBER  
(P/N DOES NOT INCLUDE  
PACKAGING OPTION)

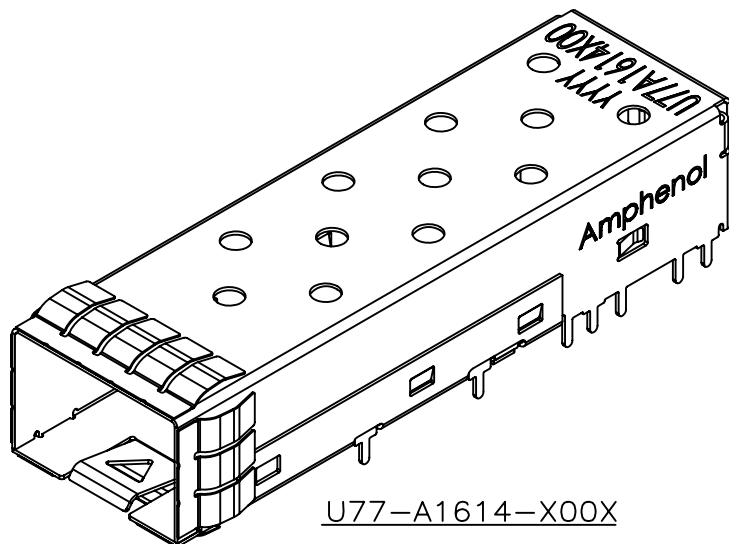
DATE CODE



U77-A1612-X00X



U77-A1613-X00X



U77-A1614-X00X

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	ARPO4/08	

#### AMPHENOL PART NUMBER CONFIGURATION

U77 - A 1 6 1 X - X 0 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

##### PACKAGING

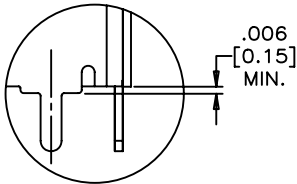
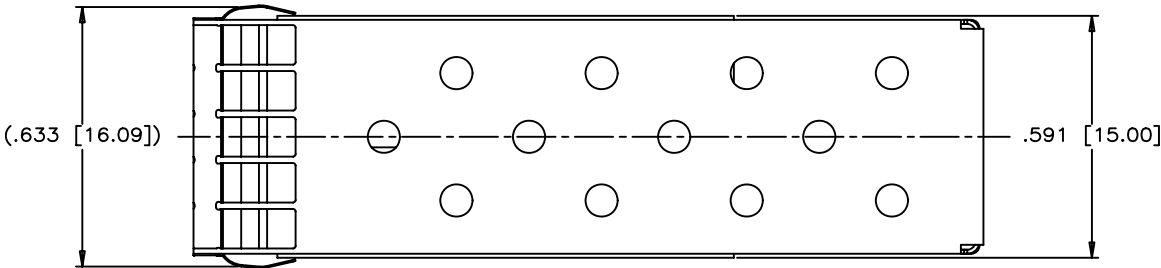
- 1 = TRAY PACKAGING  
(SEE PAGE 5 FOR DETAILS)
- T = TAPE & REEL PACKAGING  
(STANDARD CAGE ORIENTATION)  
(SEE PAGE 6 FOR DETAILS)
- R = TAPE & REEL PACKAGING  
(REVERSED CAGE ORIENTATION)  
(SEE PAGE 7 FOR DETAILS)



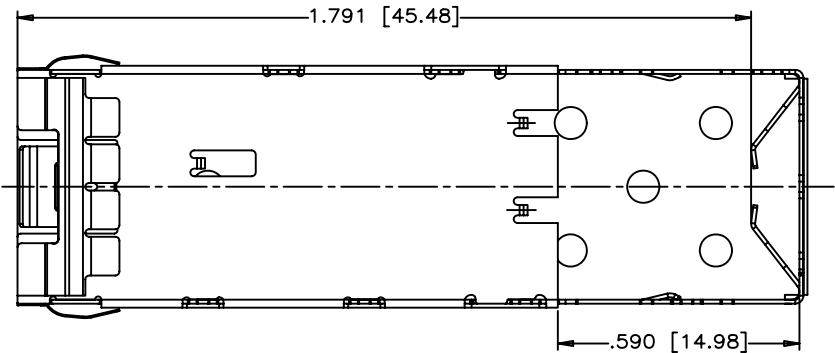
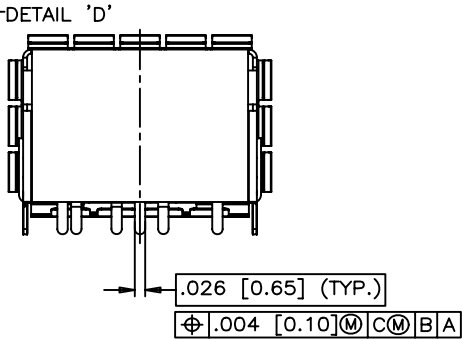
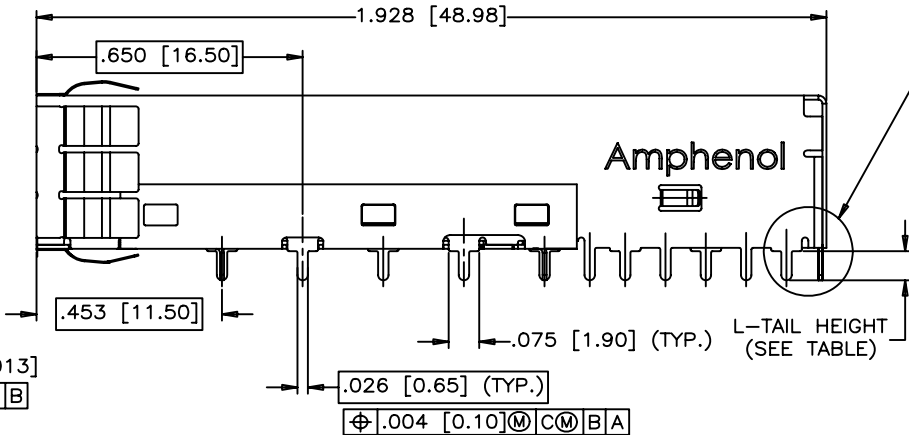
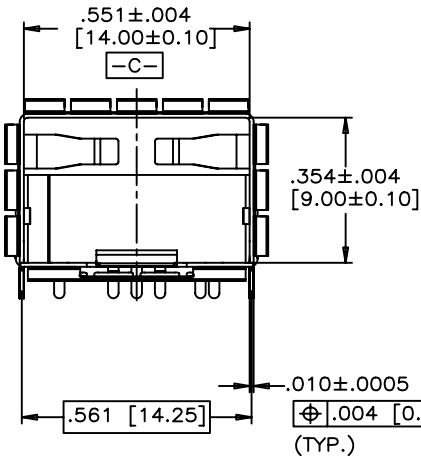
DRAWN	J.SI	DATE	ARPO3/08	Amphenol Canada Corp.	
DESIGNED	J.SI	DATE	ARPO3/08		
CHECKED	X		X	TITLE	
				IPF SINGLE CAGE WITH SOLDER PINS	
DWG. APPRD.				DWG	DRAWING NO.
ENG. REL. NO.				A	P-U77-A161X-X00X
REF.	X				REV. A
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554	SCALE	2:1
	(mm)			WT.	
				SURF.	
					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.

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	APR04/08	



DETAIL 'D'  
SCALE 4:1



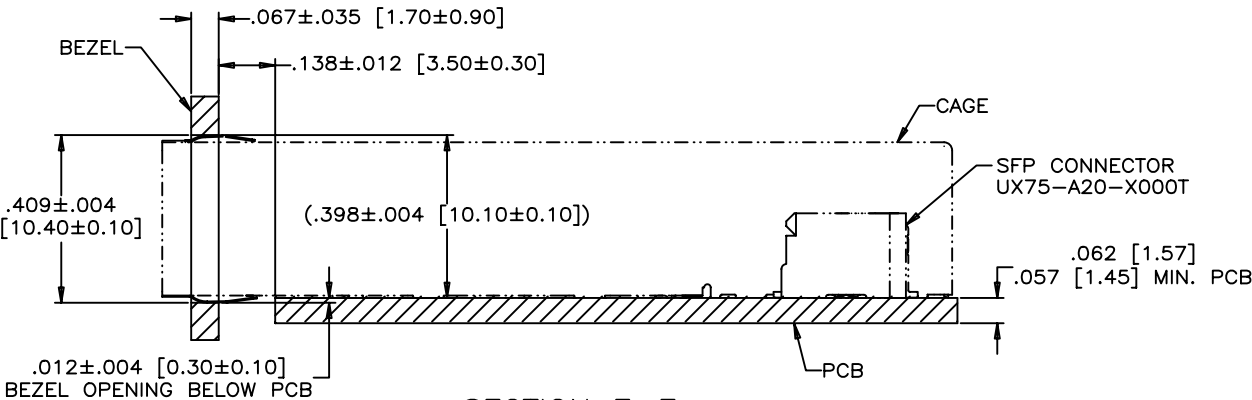
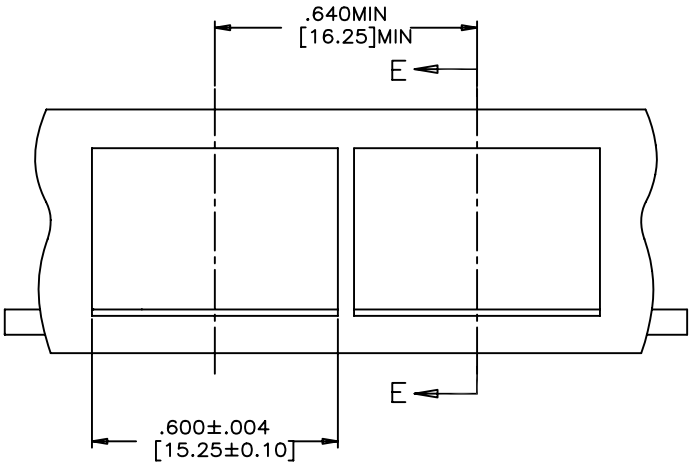
TABLE

PART NUMBER	SOLDER TAIL HEIGHT (mm)
U77-A1612-X00X	1.20
U77-A1613-X00X	3.20
U77-A1614-X00X	1.80

DRAWN	J.SI	DATE	APR03/08	Amphenol Canada Corp.	
DESIGNED	J.SI	DATE	APR03/08		
CHECKED	X		X	TITLE	
				IPF SINGLE CAGE WITH SOLDER PINS	
DWG. APPRD.				DWG	REV.
ENG. REL. NO.				A	A
REF.	X			P-U77-A161X-X00X	
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554	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.
A		PROPOSAL	APR04/08	



SECTION E-E

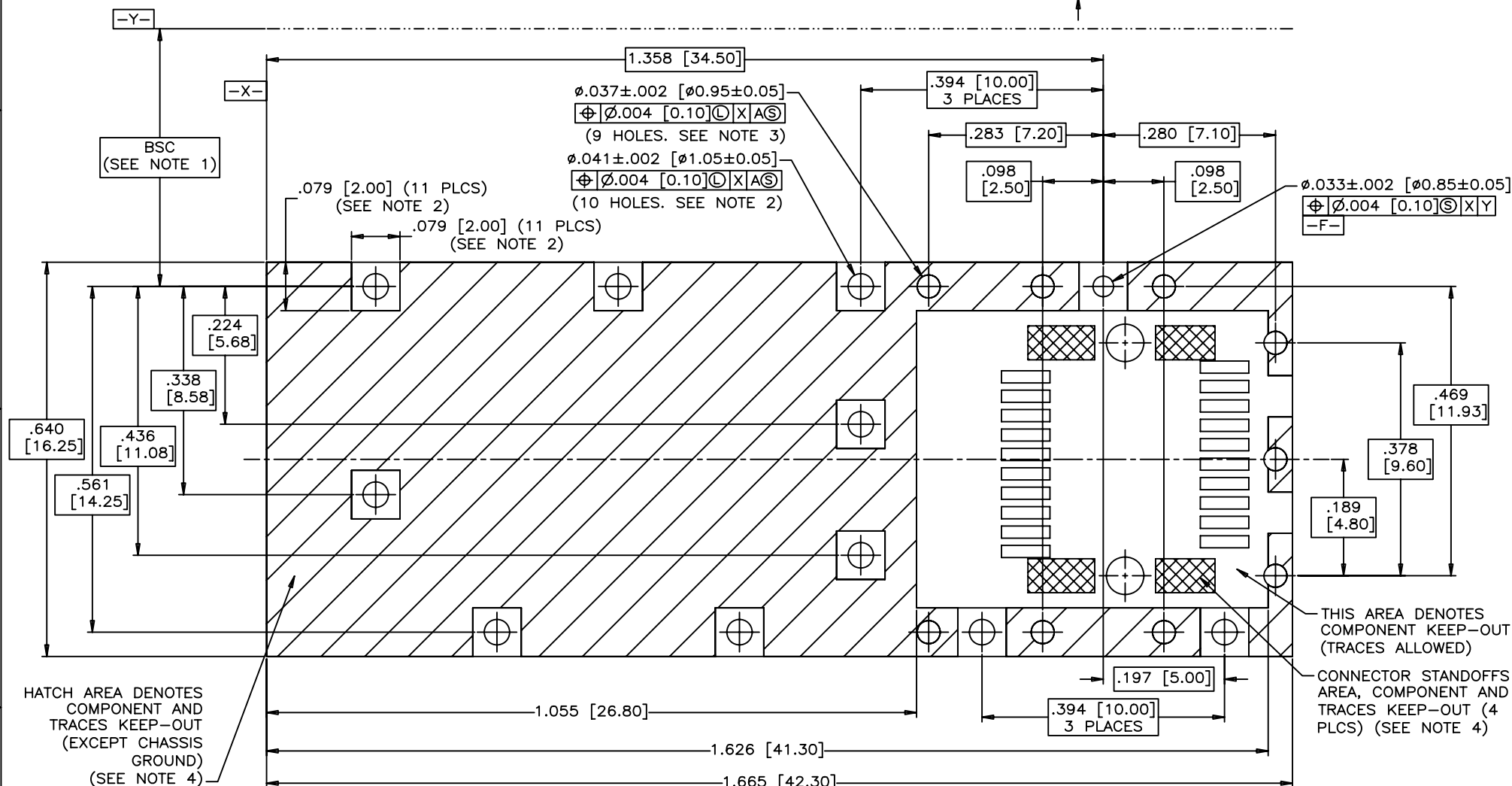
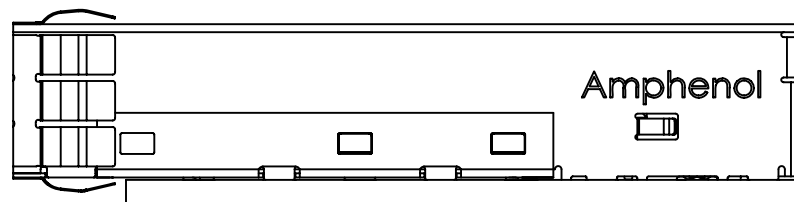
RECOMMENDED BEZEL DESIGN  
(ONE SIDE CAGE MOUNTING)

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	APR03/08	Amphenol Canada Corp.	
DESIGNED	J.SI	DATE	APR03/08		
CHECKED	X		X	TITLE	
				IPF SINGLE CAGE WITH SOLDER PINS	
DWG. APPRD.				DWG	DRAWING NO.
ENG. REL. NO.				A	P-U77-A161X-X00X
REF.	X				REV.
DIMENSIONS ARE IN	INCHES	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-UX75-A20-X000X FOR CONNECTOR PCB LAYOUT.

.062 [1.57]  
57 [1.45] MIN. PCB



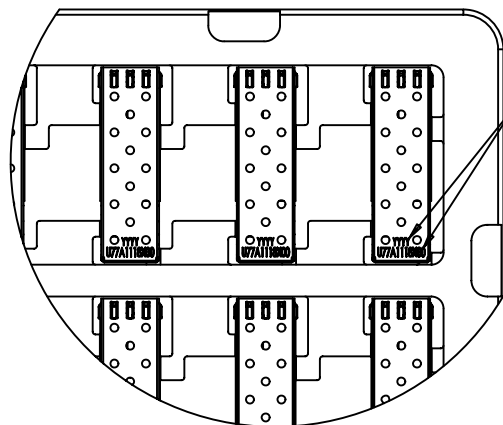
RECOMMENDED SFP HOST BOARD LAYOUT  
(ONE SIDE CAGE MOUNTING)  
(SCALE 4:1)

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	APR03/08			
DESIGNED	J.SI	APPROD	08			
CHECKED	X		X			
DWG. APPRD.						
ENG. REL. NO.						
REF.		X				
DIMENSIONS ARE IN		CODE ID. NO.				
INCHES [mm]		03554				
SCALE	2:1	WT.	-----	SURF.	-----	
				SHEET 4 OF 7		

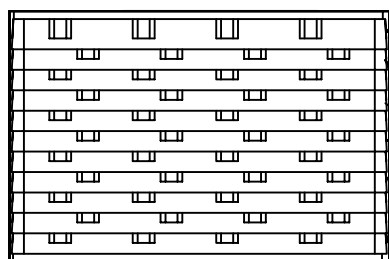
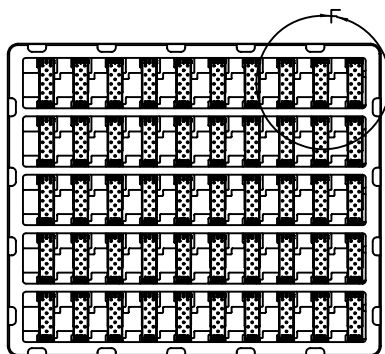
NOTES:

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



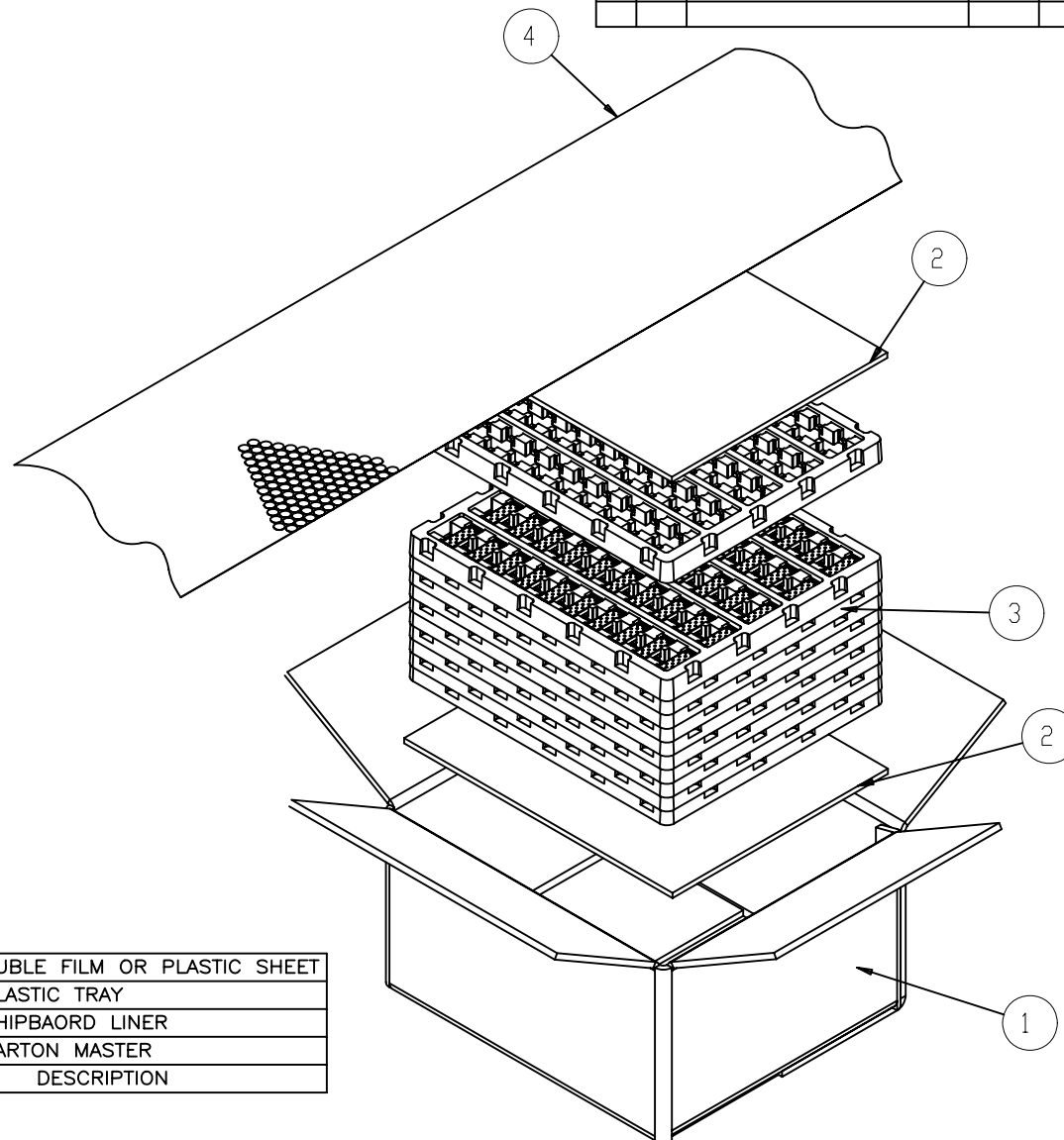
EMPTY TRAY

FULLY LOADED  
TRAYS

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

U77-A161X-X001 SHOWN  
(CAGE SHOWN FOR REF. ONLY)

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	APR04/08	



DRAWN	J.SI	DATE	APR03/08
DESIGNED	J.SI	DATE	APR03/08
CHECKED	X		X
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554
	(mm)		

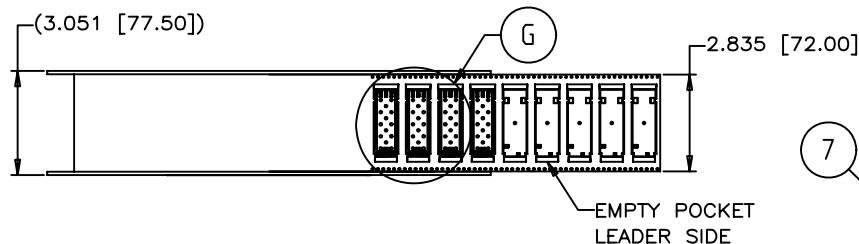
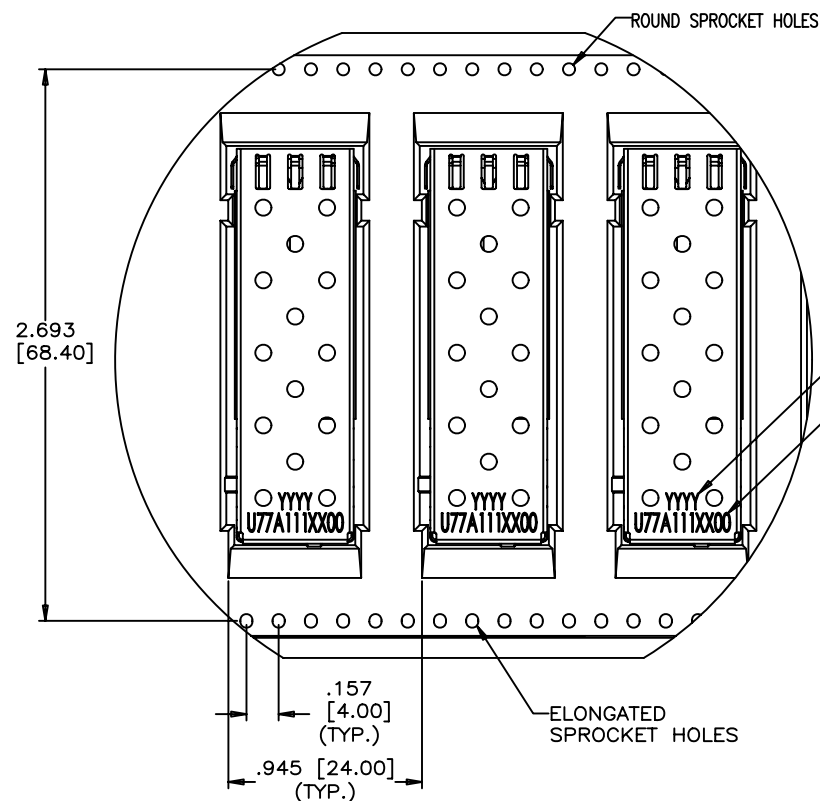
Amphenol Canada Corp.			
TITLE			
SFP/IPF SINGLE CAGE (TRAY PACKAGING REFERENCE)			
DWG	A	DRAWING NO.	P-U77-A161X-X00X
REV.	A		
SCALE	1:8	WT.	
SURF.			
SHEET 5 OF 7			

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.

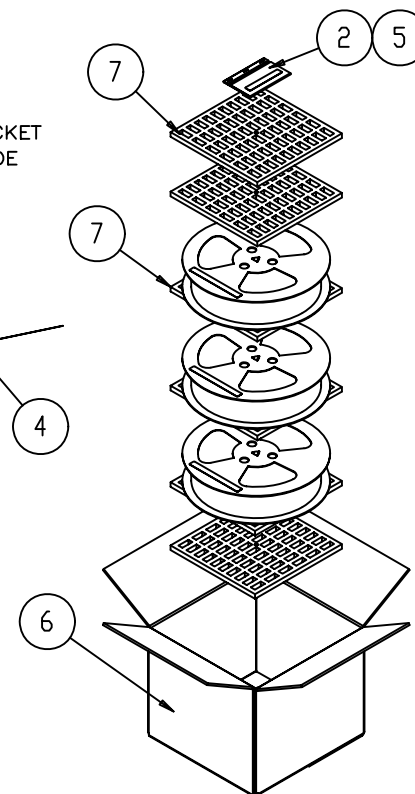
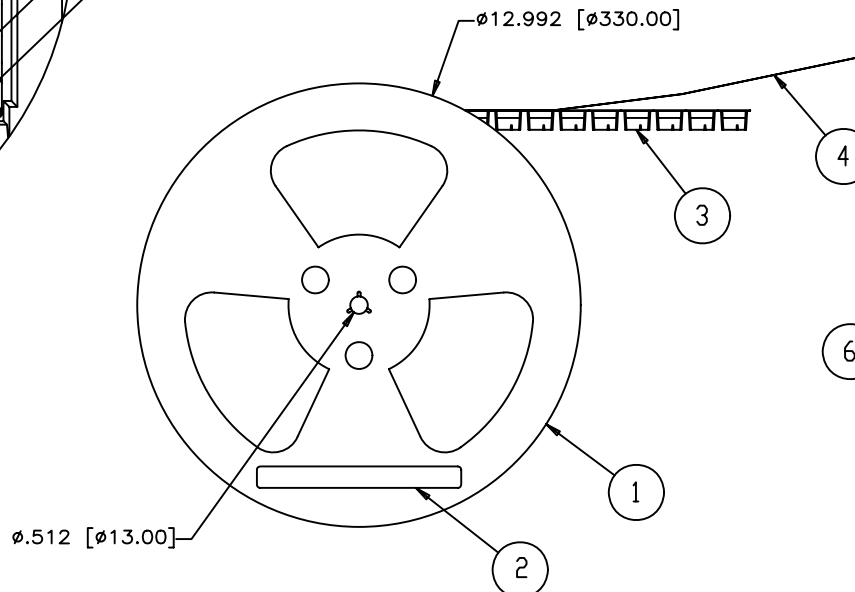
NOTES:

1. A FULLY LOADED REEL TO CONTAIN 150 CAGES FOR U77-A1612-X00X AND U77-A1614-X00X.  
A FULLY LOADED REEL TO CONTAIN 130 CAGES FOR U77-A1613-X00X.
2. A FULLY LOADED CARTON SHALL CONTAIN 3 REELS.

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	APR04/08	



DETAIL G SCALE 1:2



U77-A161X-X00T SHOWN  
(CAGE SHOWN FOR REF. ONLY)

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

DRAWN	J.SI	DATE	APR03/08
DESIGNED	J.SI	DATE	APR03/08
CHECKED	X		
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES (mm)	CODE ID. NO.	03554
SCALE	1:8	WT.	
SURF.			
SHEET	6	OF	7

Amphenol Canada Corp.

TITLE  
SFP/IPF SINGLE CAGE  
(T&R PACKAGING STD CAGE ORIENTATION)

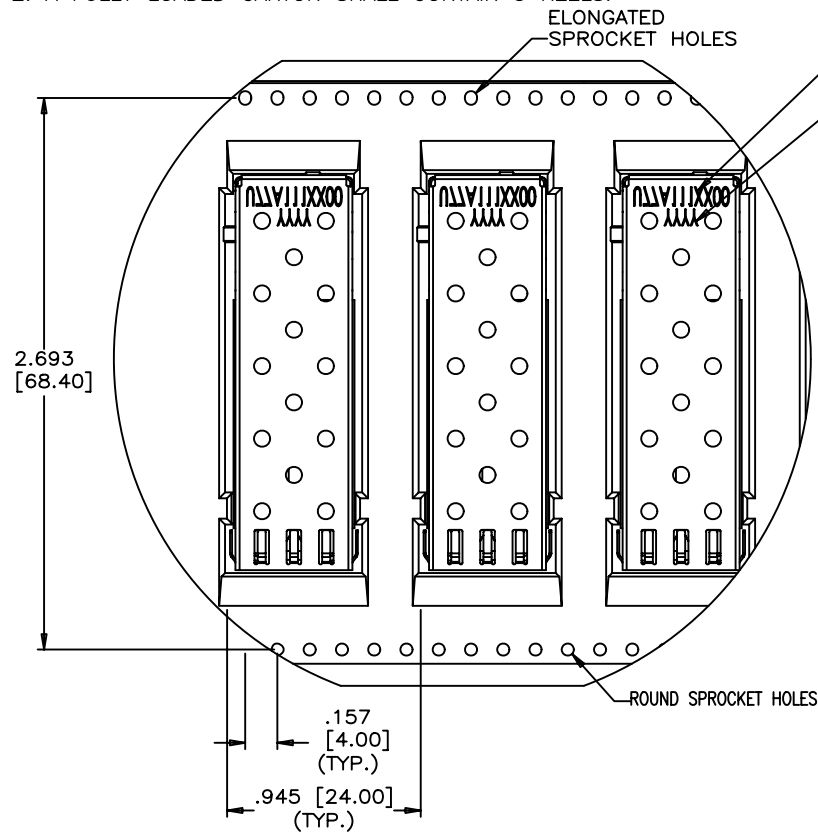
DWG. A  
DRAWING NO. P-U77-A161X-X00X  
REV. A

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.

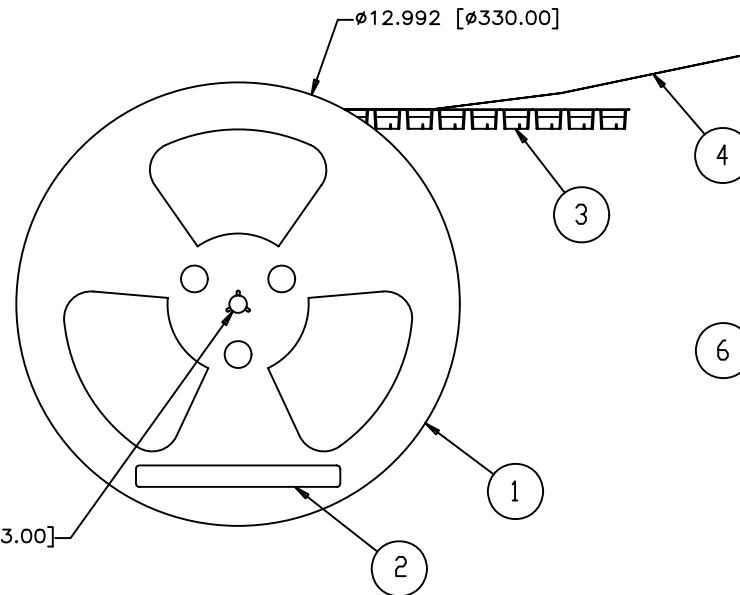
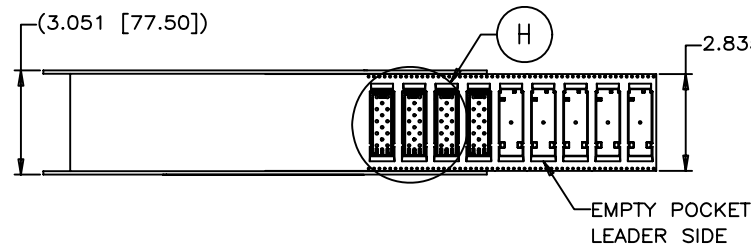
NOTES:

1. A FULLY LOADED REEL TO CONTAIN 150 CAGES FOR U77-A1612-X00X AND U77-A1614-X00X.  
A FULLY LOADED REEL TO CONTAIN 130 CAGES FOR U77-A1613-X00X.
2. A FULLY LOADED CARTON SHALL CONTAIN 3 REELS.

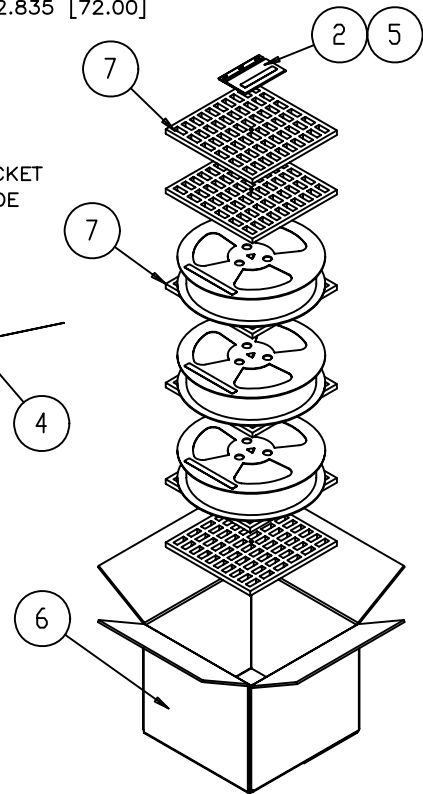
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	APR04/08	



DETAIL H SCALE 1:2



U77-A161X-X00R SHOWN  
(CAGE SHOWN FOR REF. ONLY)



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

DRAWN	J.SI	DATE	APR03/08
DESIGNED	J.SI	DATE	APR03/08
CHECKED	X		
DWG. APPRD.			
ENG. REL. NO.			
REF.	X		
DIMENSIONS ARE IN	INCHES (mm)	CODE ID. NO.	03554
SCALE	1:8	WT.	
SURF.			
SHEET	7 OF 7		

Amphenol Canada Corp.

TITLE

SFP/IPF SINGLE CAGE  
(T&R PACKAGING REVERSED CAGE ORIENTATION)

DWG. A

DRAWING NO. P-U77-A161X-X00X

REV. A

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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[U77-A1619-2001](#)