

4

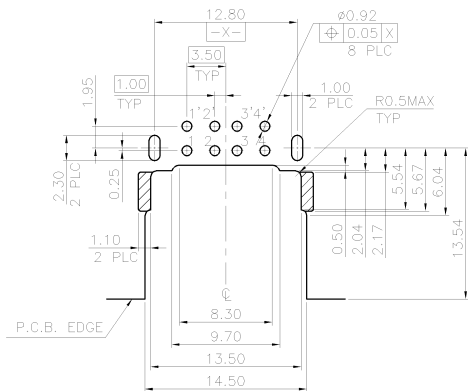
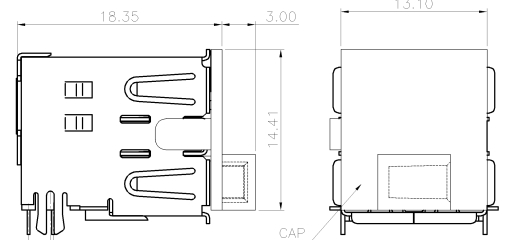
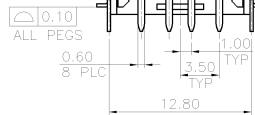
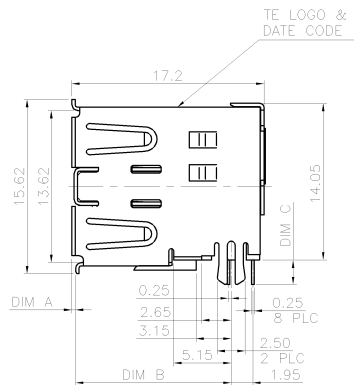
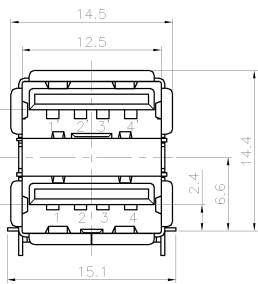
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
	F	REVISED (ECR-10-020734)	11NOV10	JC	WK	



NOTES:

- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CAP: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: BRASS.
 REAR SHIELD: SPPC.
 GROUNDING STRIP: BRASS.
- FINISH:
 CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA.
 3.048μm [120μ"] MIN. MATTE TIN PLATING ON SOLDER TAILS,
 WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
 FRONT SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 REAR SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 GROUNDING STRIP: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
- REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.

1.90	14.30	0	W/	TAPE & REEL	1734062-3	
2.20	13.95	0.35	W/O	TUBE	1734062-2	OBSOLETE
				TAPE & REEL	1734062-1	
DIM C	DIM B	DIM A	CAP	PACKAGE	PART NUMBER	NOTE

RECOMMEND P.C.B LAYOUT (THICKNESS 1.2~1.4mm)
 (COMPONENT SIDE) TOLERANCE ±0.05mm

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN F. YANG	Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK S. CHIEN	10SEP2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. KODAMA	10SEP2009	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± 0.35		108-57481		
2 PLC ± 0.25		QUALIFICATION TEST REPORT		
3 PLC ± -		501-57557		
4 PLC ± -		WEIGHT 4.71 GRAMS		
ANGLES ± 3°		A3 00779 C-1734062		
MATERIAL SEE NOTE	FINISH SEE NOTE	CUSTOMER DRAWING		RESTRICTED
		SIZE A3	CAGE CODE 00779	DRAWING NO C-1734062
		SCALE -	SHEET 1 of 24	REV F

4

3

2

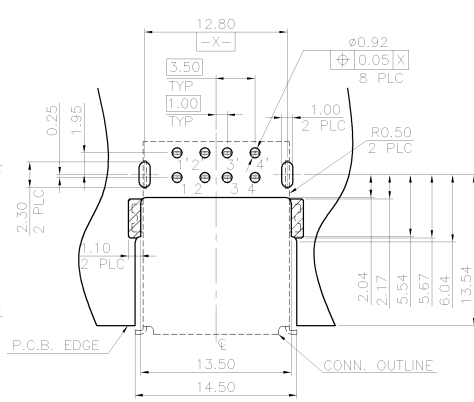
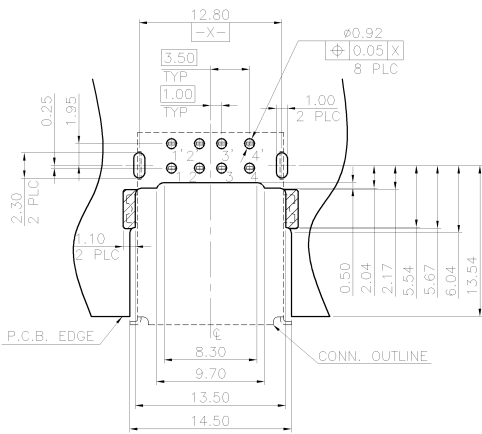
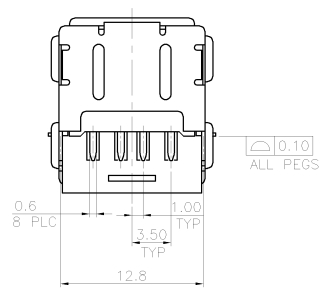
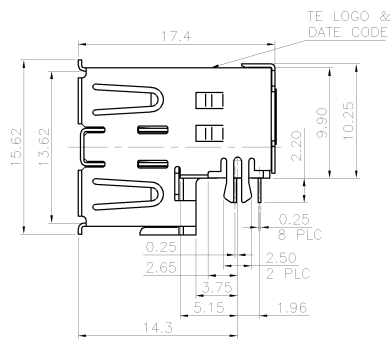
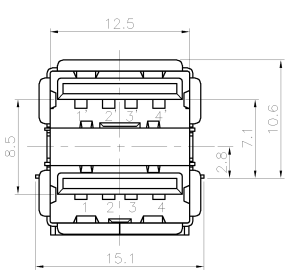
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. DW

© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC DIST REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



NOTE:

- MATERIAL: HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR. SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR. CONTACT: PHOSPHOR BRONZE. FRONT SHIELD: BRASS. REAR SHIELD: SPCC. GROUNDING STRIP: BRASS.
- FINISH: CONTACT: 0.762µm [30µ"] MIN. GOLD PLATING ON CONTACT AREA. 3.048µm [120µ"] MIN. BRIGHT TIN PLATING ON SOLDER TAILS. WITH ENTIRE CONTACT UNDERPLATED 1.27µm [50µ"] MIN. NICKEL. FRONT SHIELD: 0.762µm [30µ"] MIN. NICKEL PLATING. 0.762µm [30µ"] MIN. Cu UNDER PLATING OVERALL. REAR SHIELD: 0.762µm [30µ"] MIN. NICKEL PLATING. 0.762µm [30µ"] MIN. Cu UNDER PLATING OVERALL. GROUNDING STRIP: 0.762µm [30µ"] MIN. NICKEL PLATING. 0.762µm [30µ"] MIN. Cu UNDER PLATING OVERALL.
- REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.

RECOMMEND P.C.B LAYOUT (THICKNESS 1.2~1.4mm)
(COMPONENT SIDE) TOLERANCE±0.05mm

RECOMMEND P.C.B LAYOUT (THICKNESS 1.2~1.4mm)
(COMPONENT SIDE) TOLERANCE±0.05mm

OBSOLETED	TUBE	1-1734062-2
	TAPE & REEL	1-1734062-1
NOTE	PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC	
0 PLC ± -		QUALIFICATION TEST REPORT	RESTRICTED	
1 PLC ± 0.35		WEIGHT 4.71 GRAMS	SIZE A3	CAGE CODE 00779
2 PLC ± 0.25		CUSTOMER DRAWING	DRAWING NO C-1734062	
3 PLC ± -		SCALE	SHEET 2 of 24	
4 PLC ± -			REV F	
ANGLES ± 3°				
MATERIAL SEE NOTE				
FINISH SEE NOTE				

4

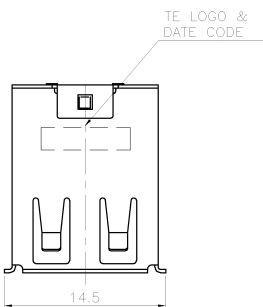
3

2

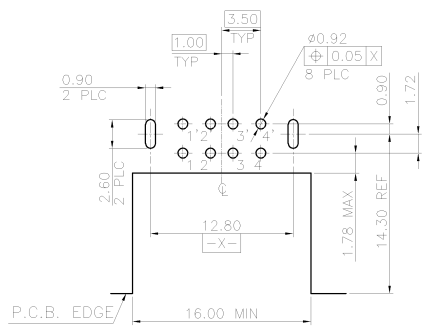
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

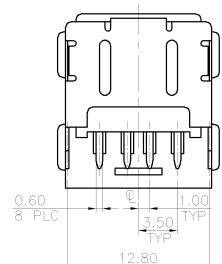
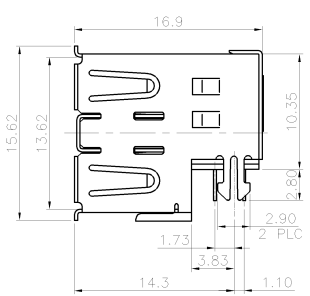
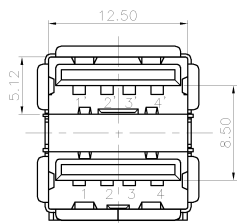
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



- NOTE:
- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: BRASS.
 REAR SHIELD: SPCC.
 GROUNDING STRIP: BRASS.
 - FINISH:
 CONTACT: 0.76 μ m [30 μ] MIN. GOLD PLATING ON CONTACT AREA.
 3.048 μ m [120 μ] MIN. BRIGHT TIN PLATING ON SOLDER TAIL,
 WITH ENTIRE CONTACT UNDERPLATED 1.27 μ m [50 μ] MIN. NICKEL.
 FRONT SHIELD: 0.76 μ m [30 μ] MIN. NICKEL PLATING.
 REAR SHIELD: 0.76 μ m [30 μ] MIN. Cu UNDER PLATING OVERALL.
 GROUNDING STRIP: 0.762 μ m [30 μ] MIN. NICKEL PLATING.
 0.762 μ m [30 μ] MIN. Cu UNDER PLATING OVERALL.
 0.762 μ m [30 μ] MIN. NICKEL PLATING.
 0.762 μ m [30 μ] MIN. Cu UNDER PLATING OVERALL.
 - REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.



RECOMMEND P.C.B LAYOUT (THICKNESS 1.2mm)
 (COMPONENT SIDE) TOLERANCE ±0.05mm



TRAY	2-1734062-2
TUBE	2-1734062-1
PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics		Tyco Electronics Corporation											
DIMENSIONS: MM		CHK	NAME		Taipei, Taiwan											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC		USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE											
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± 0.35</td></tr> <tr><td>2 PLC</td><td>± 0.25</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± 3°</td></tr> </table>		0 PLC	± -	1 PLC	± 0.35	2 PLC	± 0.25	3 PLC	± -	4 PLC	± -	ANGLES	± 3°	QUALIFICATION TEST REPORT		RESTRICTED
0 PLC	± -															
1 PLC	± 0.35															
2 PLC	± 0.25															
3 PLC	± -															
4 PLC	± -															
ANGLES	± 3°															
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO											
SEE NOTE	SEE NOTE	4.71 GRAMS	A3	00779	C-1734062											
		CUSTOMER DRAWING	SCALE	SHEET	REV											
				3 of 24	F											

4

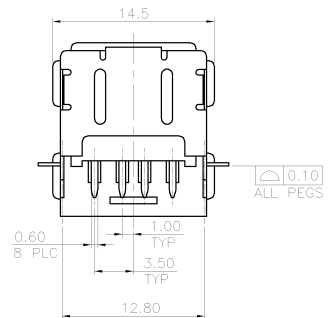
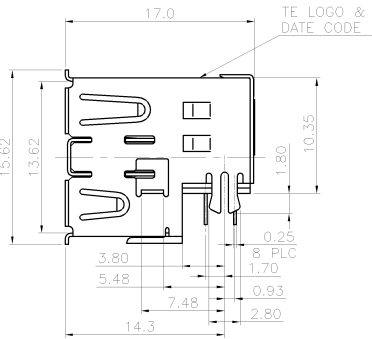
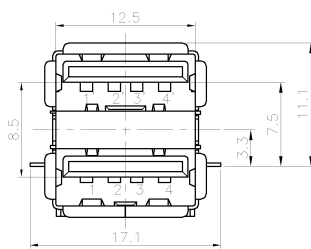
3

2

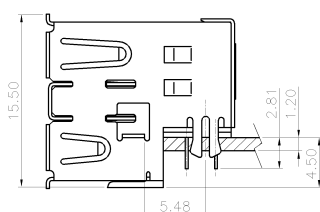
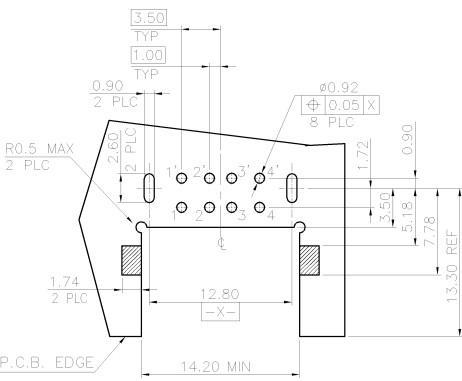
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



- NOTES:
- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: BRASS.
 REAR SHIELD: SPCC.
 GROUNDING STRIP: BRASS.
 - FINISH:
 CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA.
 3.048μm [120μ"] MIN. BRIGHT TIN PLATING ON SOLDER TAILS.
 WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
 FRONT SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 REAR SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 GROUNDING STRIP: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 - REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.



RECOMMENDED MOUNT DIMENSION

RECOMMEND P.C.B LAYOUT (THICKNESS 1.0~1.4mm)
 (COMPONENT SIDE) TOLERANCE ±0.05mm

TUBE	4-1734062-1
PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC	
0 PLC ± -		QUALIFICATION TEST REPORT		
1 PLC ± 0.35		SIZE CAGE CODE DRAWING NO		
2 PLC ± 0.25		RESTRICTED		
3 PLC ± -		WEIGHT 4.71 GRAMS A3 00779 C-1734062		
4 PLC ± -		CUSTOMER DRAWING		
ANGLES ± 3°		SCALE SHEET 5 of 24 REV F		
MATERIAL SEE NOTE	FINISH SEE NOTE			

4

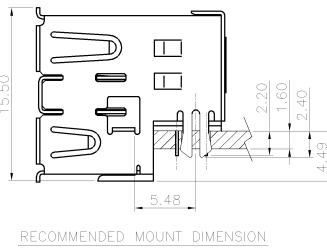
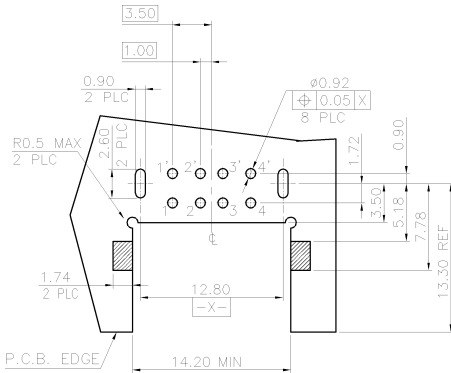
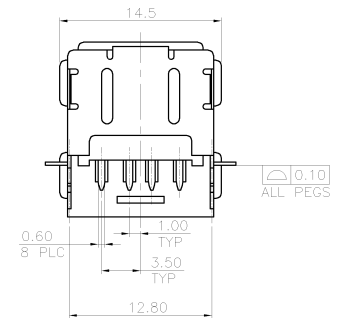
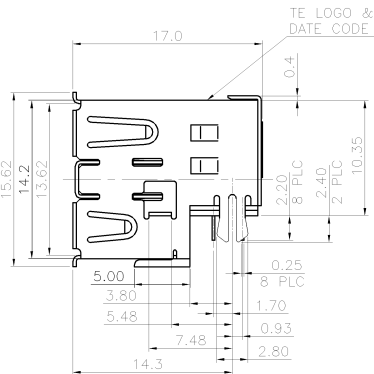
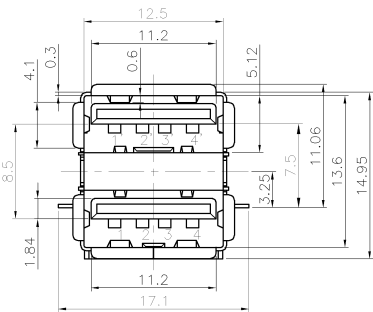
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



- NOTES:
- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: SUS.
 REAR SHIELD: SPCC.
 GROUNDING STRIP: SUS.
 - FINISH:
 CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA.
 3.048μm [120μ"] MIN. BRIGHT TIN PLATING ON SOLDER TAILS.
 WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
 FRONT SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING OVERALL.
 REAR SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 - REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.

RECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)
 (COMPONENT SIDE) TOLERANCE ±0.05mm

TAPE & REEL	4-1734062-2
PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN		Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		PRODUCT SPEC	
0 PLC ± -		PRODUCT SPEC		QUALIFICATION TEST REPORT	
1 PLC ± 0.35		QUALIFICATION TEST REPORT		RESTRICTED	
2 PLC ± 0.25		WEIGHT 4.71 GRAMS		SIZE CAGE CODE DRAWING NO	
3 PLC ± -		CUSTOMER DRAWING		A3 00779 C-1734062	
4 PLC ± -		SCALE		SHEET 6 OF 24	
ANGLES ± 3°		SHEET		REV F	
MATERIAL SEE NOTE		FINISH SEE NOTE			

4

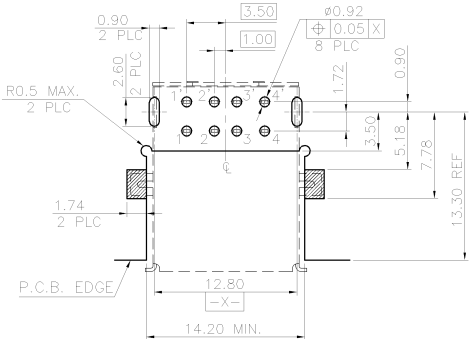
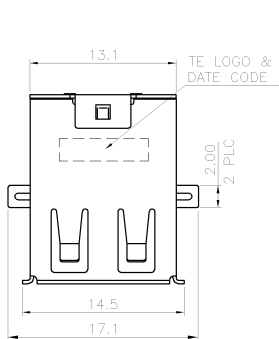
3

2

1

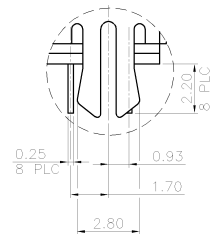
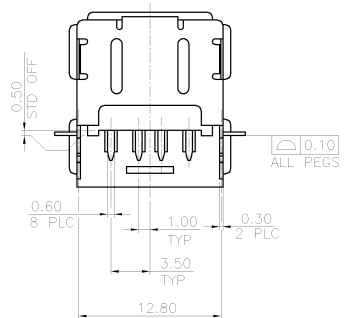
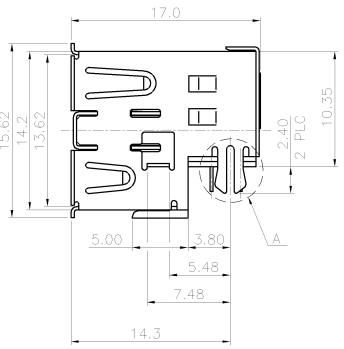
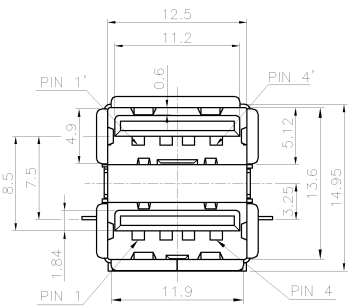
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

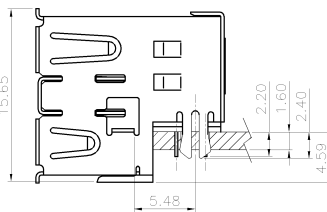


- NOTES:
- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: SUS.
 REAR SHIELD: SPCC.
 GROUNDING STRIP: SUS.
 - FINISH:
 CONTACT: 0.762µm [30µ"] MIN. GOLD PLATING ON CONTACT AREA, 2.540µm [100µ"] MIN. BRIGHT TIN PLATING ON SOLDERTAILS, WITH ENTIRE CONTACT UNDERPLATED 1.27µm [50µ"] MIN. NICKEL.
 FRONT SHIELD: 0.762µm [30µ"] MIN. NICKEL PLATING OVERALL.
 REAR SHIELD: 0.762µm [30µ"] MIN. NICKEL PLATING, 0.762µm [30µ"] MIN. Cu UNDER PLATING OVERALL.
 - REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.

RECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)
 (COMPONENT SIDE) TOLERANCE±0.05mm



DETAIL A
 SCALE 2:1



RECOMMENDED MOUNT DIMENSION

TAPE & REEL	4-1734062-3
PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN		Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE	
0 PLC ± -		1 PLC ± 0.35		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
2 PLC ± 0.25		3 PLC ± -		QUALIFICATION TEST REPORT		RESTRICTED	
4 PLC ± -		ANGLES ± 3°		WEIGHT 4.25 GRAMS		A3 00779 C-1734062	
MATERIAL SEE NOTE		FINISH SEE NOTE		CUSTOMER DRAWING		SCALE SHEET 7 of 24 REV F	

4

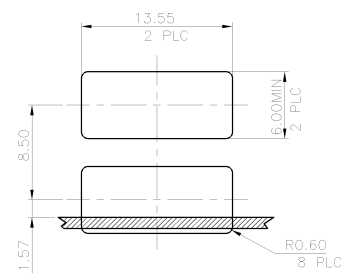
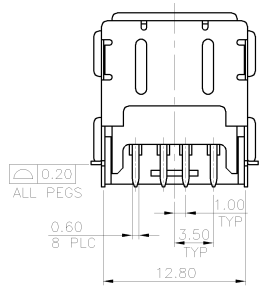
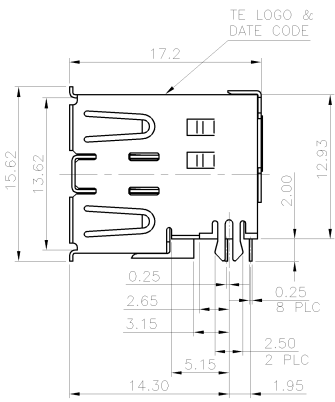
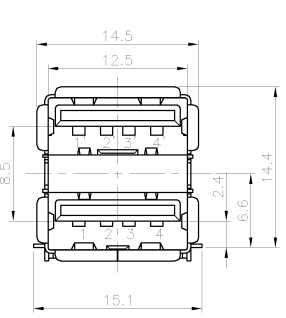
3

2

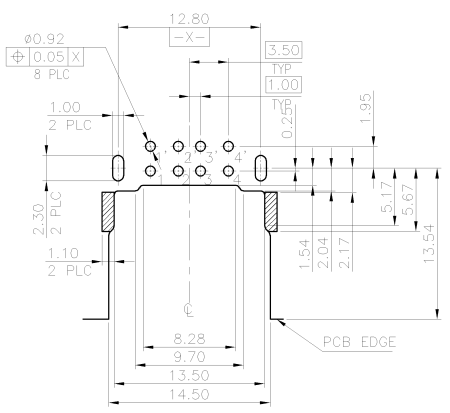
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



MOUNTING PANEL CUTOUT
(INTERNAL SIDE)



RECOMMEND P.C.B LAYOUT (THICKNESS 1.0mm)
(COMPONENT SIDE) TOLERANCE ±0.05mm

NOTES:

- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: BRASS.
 REAR SHIELD: SPCC.
 GROUNDING STRIP: BRASS.
- FINISH:
 CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA.
 3.048μm [120μ"] MIN. BRIGHT-TIN PLATING ON SOLDER TAILS.
 WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
 FRONT SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING.
 REAR SHIELD: 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
 0.762μm [30μ"] MIN. NICKEL PLATING.
 GROUNDING STRIP: 0.762μm [30μ"] MIN. NICKEL PLATING.
 0.762μm [30μ"] MIN. Cu UNDER PLATING OVERALL.
- REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.

OBSOLETE	TRAY	5-1734062-2
OBSOLETE	TAPE & REEL	5-1734062-1
	PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± - 4 PLC ± - ANGLES ± 3°		APVD	PRODUCT SPEC QUALIFICATION TEST REPORT	
MATERIAL SEE NOTE		FINISH SEE NOTE	WEIGHT 4.71 GRAMS CUSTOMER DRAWING	SIZE A3 CAGE CODE 00779 DRAWING NO. C-1734062 RESTRICTED
			SCALE	SHEET 8 OF 24 REV F

4

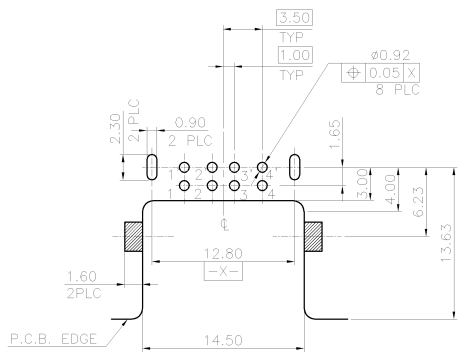
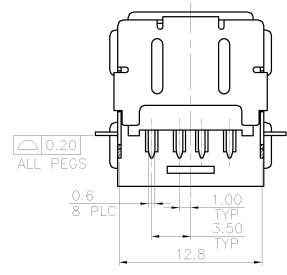
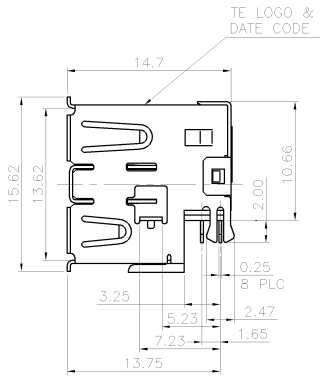
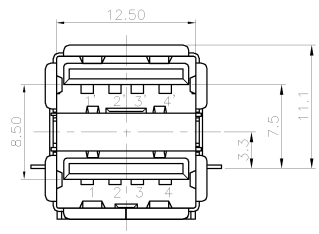
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



NOTES:
 1. MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHELL: BRASS.
 REAR SHELL: SPCC.
 GROUNDING STRIP: STAINLESS.
 2. FINISH:
 CONTACT: 0.762 μ m [30 μ "] MIN. GOLD PLATING ON CONTACT AREA.
 3.048 μ m [120 μ "] MIN. BRIGHT TIN PLATING ON SOLDER TAILS,
 WITH ENTIRE CONTACT UNDERPLATED 1.27 μ m [50 μ "] MIN. NICKEL.
 FRONT SHELL: 0.762 μ m [30 μ "] MIN. NICKEL PLATED.
 0.762 μ m [30 μ "] MIN. Cu UNDERPLATING OVERALL.
 REAR SHELL: 0.762 μ m [30 μ "] MIN. NICKEL PLATED.
 0.762 μ m [30 μ "] MIN. Cu UNDERPLATING OVERALL.
 GROUNDING SHELL: 0.762 μ m [30 μ "] MIN. NICKEL PLATED.
 0.762 μ m [30 μ "] MIN. Cu UNDERPLATING OVERALL.
 3. REFLOW SOLDER CAPABLE TO 260°C PER TE
 SPEC 109-201, CONDITION B.

TAPE & REEL	6-1734062-1
PACKAGE	PART NUMBER

RECOMMEND P.C.B LAYOUT (THICKNESS 1.2mm)
 (COMPONENT SIDE) TOLERANCE ± 0.05 mm

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK	NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC			
0 PLC \pm -		QUALIFICATION TEST REPORT		RESTRICTED		
1 PLC ± 0.35		WEIGHT 4.71 GRAMS		SIZE CAGE CODE DRAWING NO		
2 PLC ± 0.25		CUSTOMER DRAWING		A3 00779 C-1734062		
3 PLC \pm -		SCALE		SHEET 9 of 24		
4 PLC \pm -		REV		F		
ANGLES $\pm 3^\circ$		MATERIAL SEE NOTE		FINISH SEE NOTE		

4

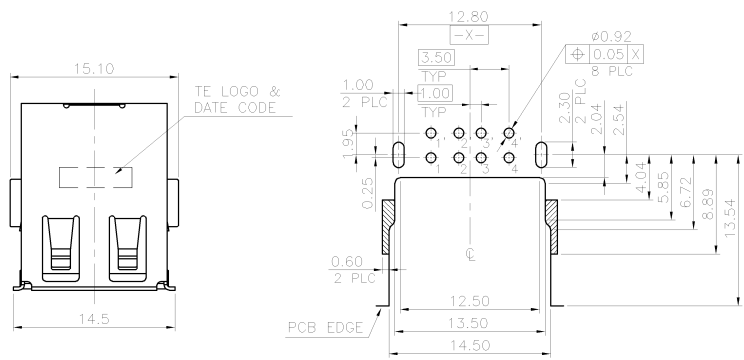
3

2

1

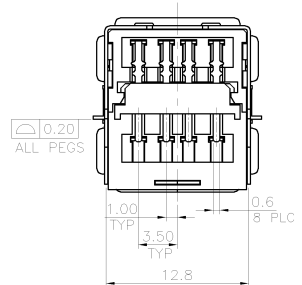
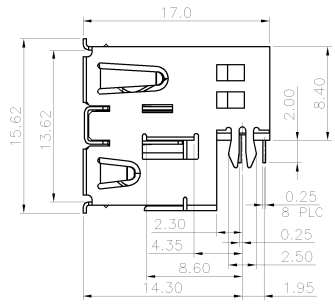
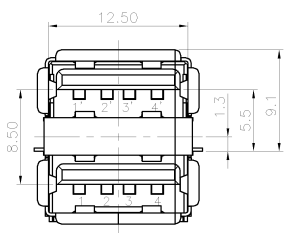
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
SEE SHEET 1.						



RECOMMEND P.C.B LAYOUT (THICKNESS 1.2mm)
 (COMPONENT SIDE) TOLERANCE ±0.05mm

- NOTE:
- MATERIAL:
 HOUSING: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 SPACER: PA9T WITH 30% GF, UL 94V-0 RATED, BLACK COLOR.
 CONTACT: PHOSPHOR BRONZE.
 FRONT SHIELD: BRASS.
 GROUNDING STRIP: BRASS.
 - FINISH:
 CONTACT: 0.762µm [30µ"] MIN. GOLD PLATING ON CONTACT AREA.
 3.048µm [120µ"] MIN. BRIGHT TIN PLATING ON SOLDER TAIL,
 WITH ENTIRE CONTACT UNDERPLATED 1.27µm [50µ"] MIN. NICKEL.
 FRONT SHELL: 0.762µm [30µ"] MIN. NICKEL PLATED.
 0.762µm [30µ"] MIN. Cu UNDERPLATING OVERALL.
 GROUNDING STRIP: 0.762µm [30µ"] MIN. NICKEL PLATING.
 0.762µm [30µ"] MIN. Cu UNDER PLATING OVERALL.
 - REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC 109-201, CONDITION B.



TAPE & REEL	8-1734062-1
PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics		Tyco Electronics Corporation Tapei, Taiwan	
DIMENSIONS: MM		CHK	NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC			
0 PLC ± -		QUALIFICATION TEST REPORT		RESTRICTED		
1 PLC ± 0.35		WEIGHT 4.3 GRAMS		SIZE A3	CAGE CODE 00779	DRAWING NO C-1734062
2 PLC ± 0.25		CUSTOMER DRAWING		SCALE	SHEET 11 of 24	REV F
3 PLC ± -						
4 PLC ± -						
ANGLES ± 3°						
MATERIAL SEE NOTE		FINISH SEE NOTE				

4

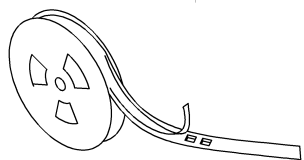
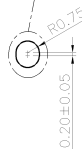
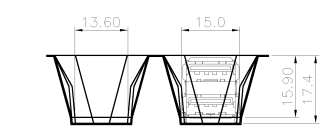
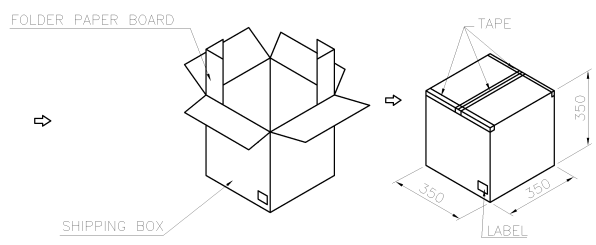
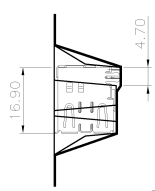
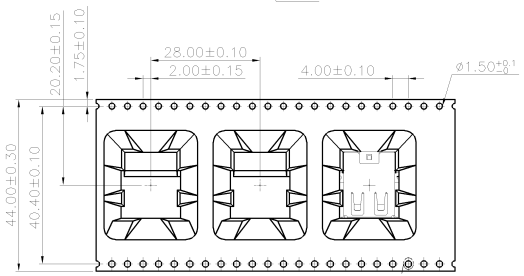
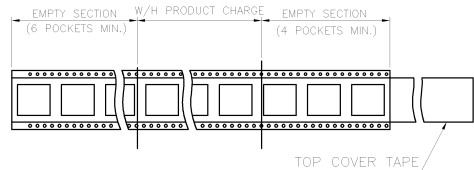
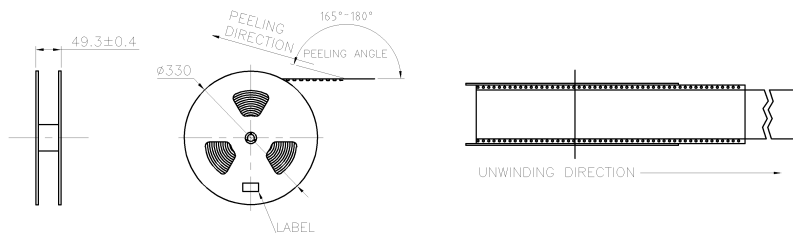
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



140	7	980	8.60	4.62	1-1734062-1
PCS/REEL	REELS/BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER
					1734062-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN	CHK	Tyco Electronics Corporation Taipei, Taiwan																	
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>-</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> </table>	0 PLC	±	-		1 PLC	±	-	2 PLC	±	-	3 PLC	±	-	4 PLC	±	-	ANGLES	±	-	FINISH	APVD
0 PLC	±	-																			
1 PLC	±	-																			
2 PLC	±	-																			
3 PLC	±	-																			
4 PLC	±	-																			
ANGLES	±	-																			
MATERIAL		PRODUCT SPEC																			
		APPLICATION SPEC																			
		WEIGHT																			
CUSTOMER DRAWING			SIZE: A3 CAGE CODE: 00779 DRAWING NO: 1734062 RESTRICTED?																		
			SCALE: SHEET 12 of 24 REV F																		

4

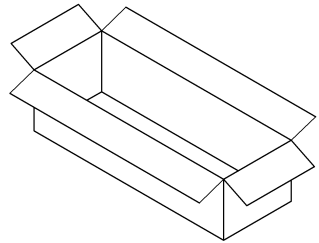
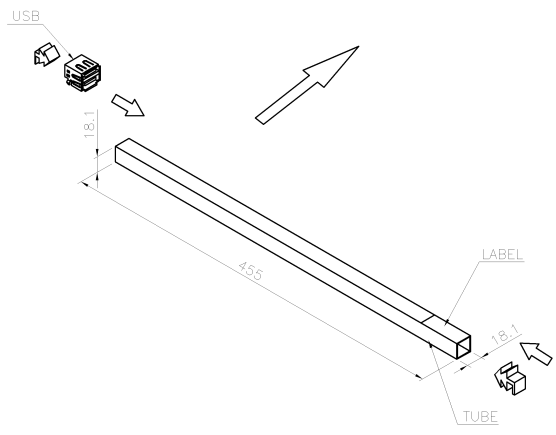
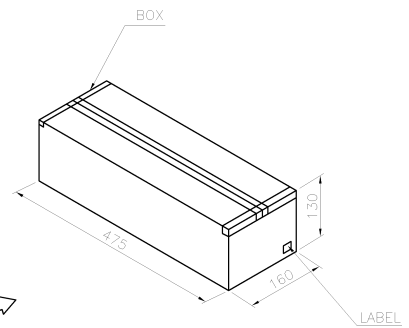
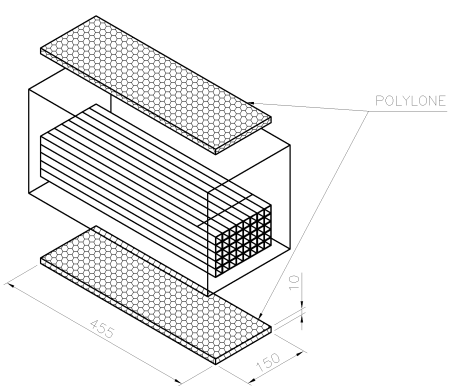
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			



24	40	960	6.10	4.52	3-1734062-2
PCS/TUBE	TUBS INNER BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER
					1-1734062-2
					1734062-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN	CHK	Tyco Electronics Corporation Taipei, Taiwan
0 PLC	± -	APVD	NAME	
1 PLC	± -	PRODUCT SPEC	USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE	
2 PLC	± -	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
3 PLC	± -	WEIGHT	A3 00779 C-1734062	RESTRICTED
4 PLC	± -	CUSTOMER DRAWING	SCALE	SHEET 13 of 24
ANGLES	± -			REV F

4

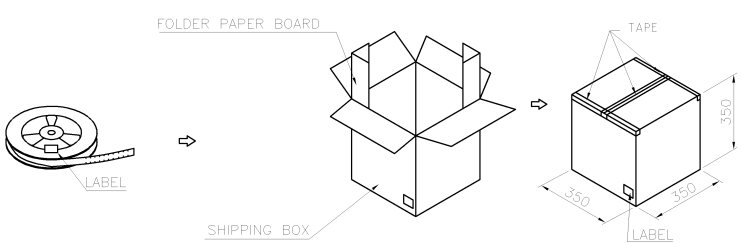
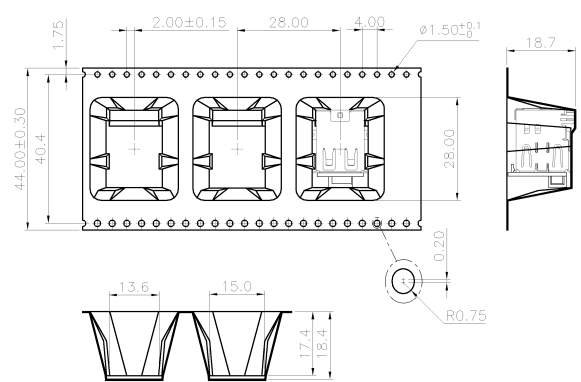
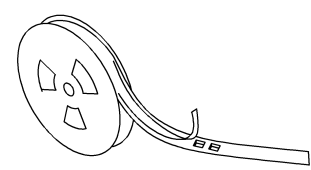
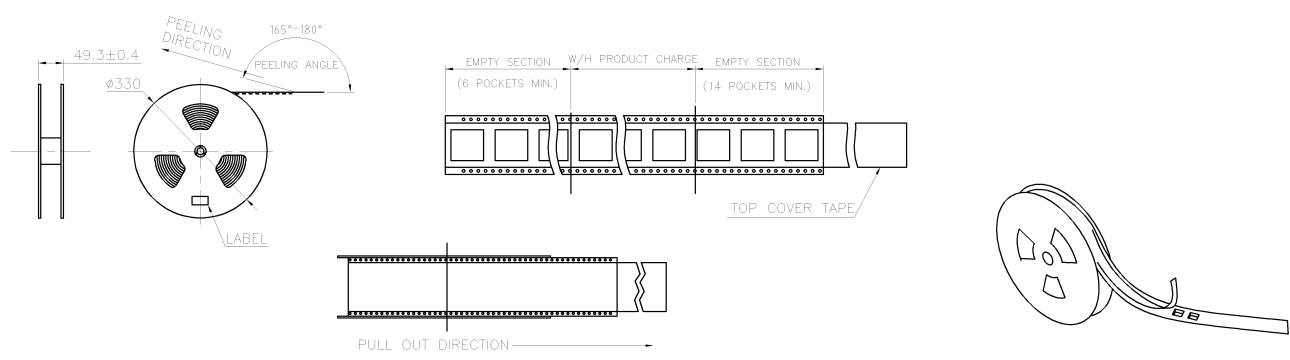
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			



100	7	700	7.28	3.30	1734062-3
PCS/REEL	REELS/BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	Tyco Electronics		Tyco Electronics Corporation
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	NAME		Taipei, Taiwan
MM	0 PLC ± -	APVD	PRODUCT SPEC		USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE
	1 PLC ± -		APPLICATION SPEC		
	2 PLC ± -		WEIGHT		A3 00779 ©-1734062
	3 PLC ± -		CUSTOMER DRAWING		RESTRICTED
	4 PLC ± -		SCALE	SHEET	14 of 24
MATERIAL	FINISH			REV	F

AMP 1470-19 REV 31MAR2000

4

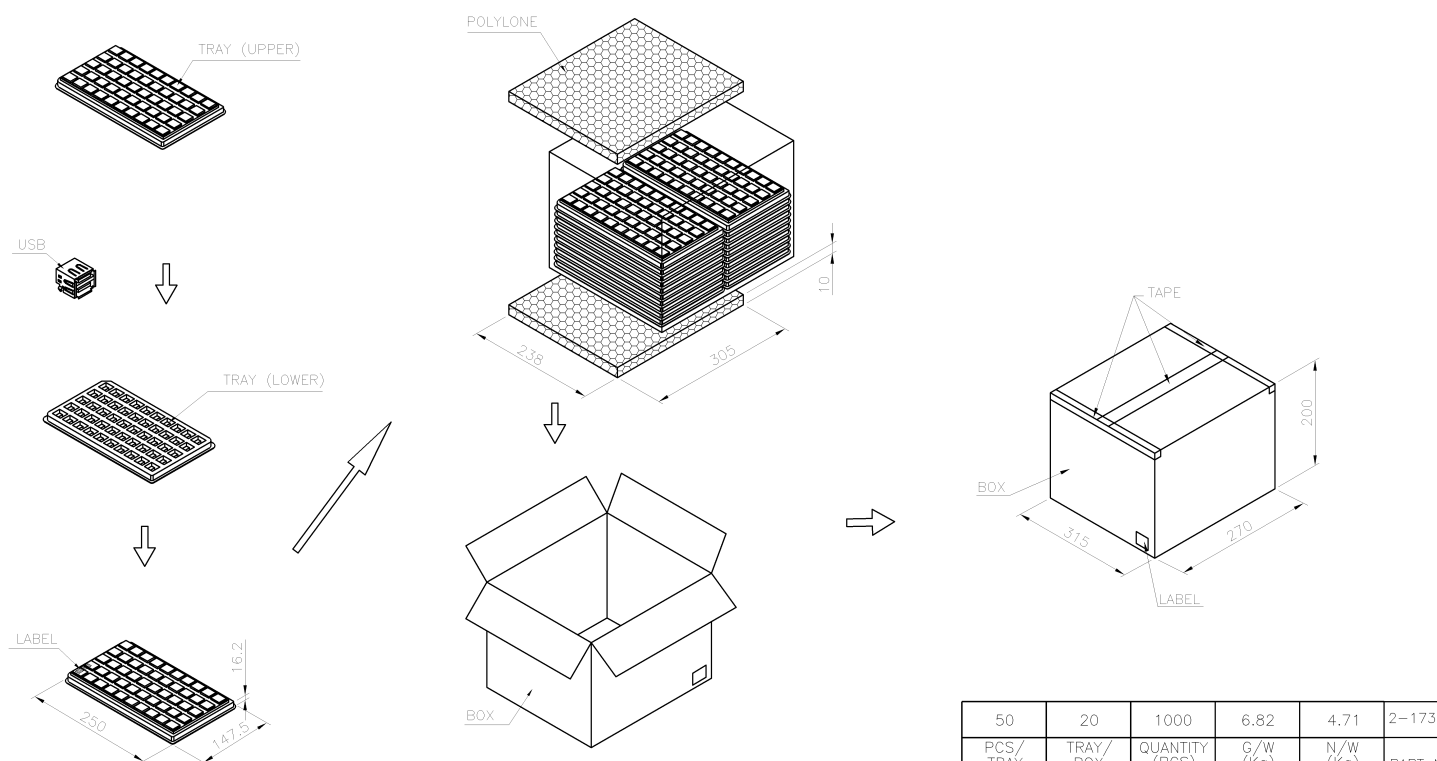
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



50	20	1000	6.82	4.71	2-1734062-2
PCS/ TRAY	TRAY/ BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	NAME	
	0 PLC ± -	APVD	PRODUCT SPEC	
	1 PLC ± -		APPLICATION SPEC	
	2 PLC ± -		WEIGHT	
	3 PLC ± -		SIZE	CAGE CODE
	4 PLC ± -		A3	00779
	ANGLES ± -		DRAWING NO	
MATERIAL	FINISH		C-1734062	
		CUSTOMER DRAWING	SCALE	SHEET
				15 of 24
				REV F

AMP 1470-19 REV 31MAR2000

4

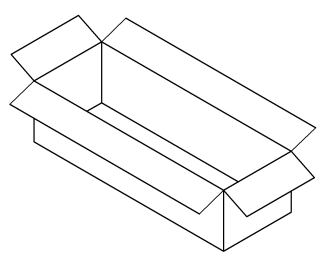
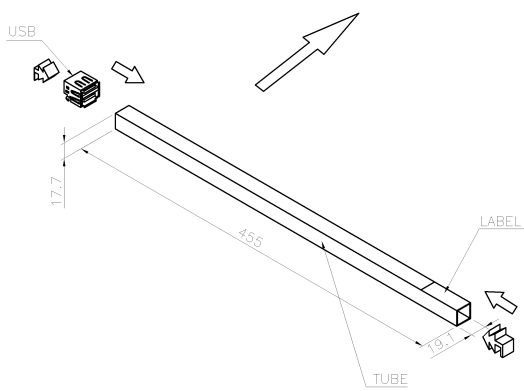
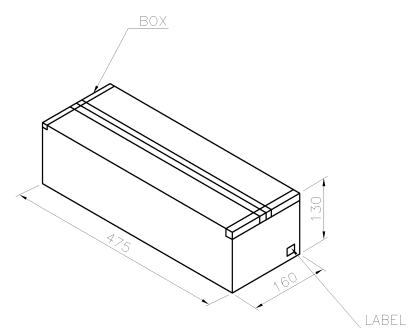
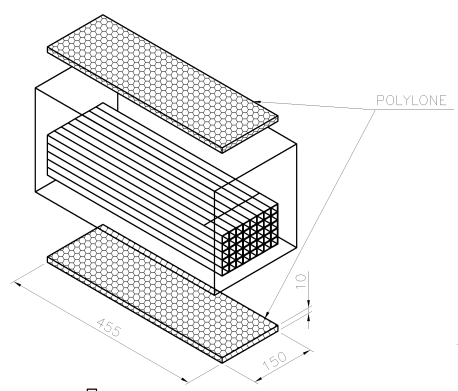
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			



25	40	1000	6.27	4.71	4-1734062-1
PCS/ TUBE	TUBS INNER BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER
					2-1734062-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	OWN CHK APVD	Tyco Electronics Corporation Taipei, Taiwan	
MATERIAL	FINISH	PRODUCT SPEC APPLICATION SPEC WEIGHT	NAME USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE	
		CUSTOMER DRAWING	SIZE A3	RESTRICTED
			CAGE CODE 00779	DRAWING NO 1734062
			SCALE	SHEET 16 of 24
				REV F

AMP 1470-19 REV 31MAR2000

4

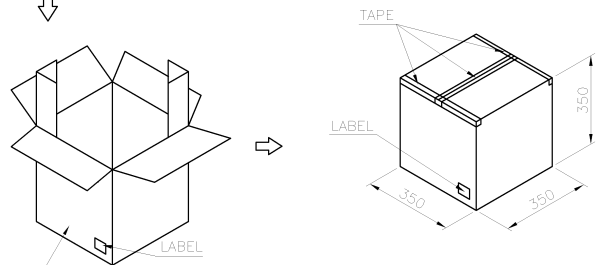
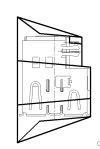
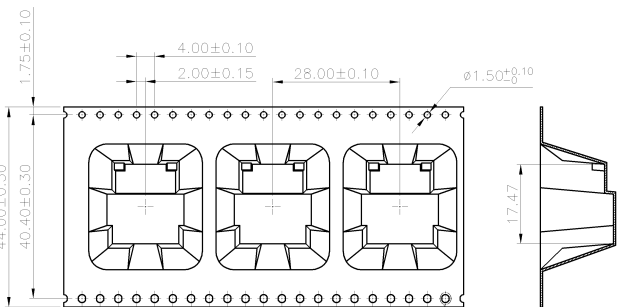
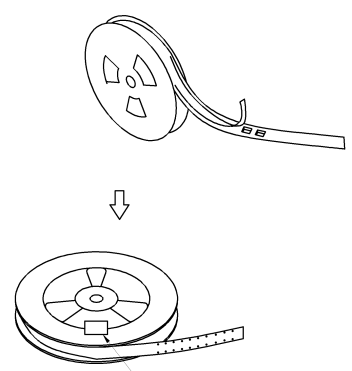
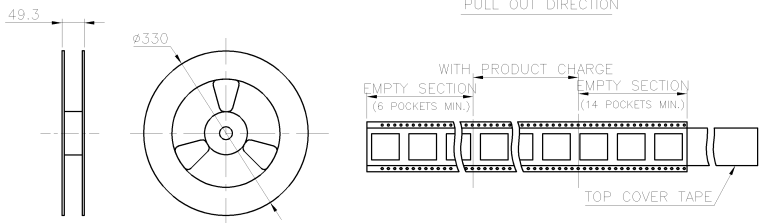
3

2

1

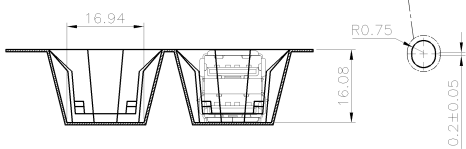
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
DW	-	SEE SHEET 1.				



SHIPPING BOX
7 REELS / SHIPPING BOX

120	7	840	9.05	3.96	3-1734062-4
PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER
					3-1734062-3



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	
DIMENSIONS: MM		CHK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	
0 PLC	± -	PRODUCT SPEC	
1 PLC	± -	APPLICATION SPEC	
2 PLC	± -	WEIGHT	
3 PLC	± -	CUSTOMER DRAWING	
4 BCC	± -		
ANGLES	± -		
MATERIAL	FINISH		

Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
NAME			
USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED
A3	00779	1734062	
SCALE		SHEET	REV
		17 of 24	F

AMP 1470-19 REV 31MAR2000

4

3

2

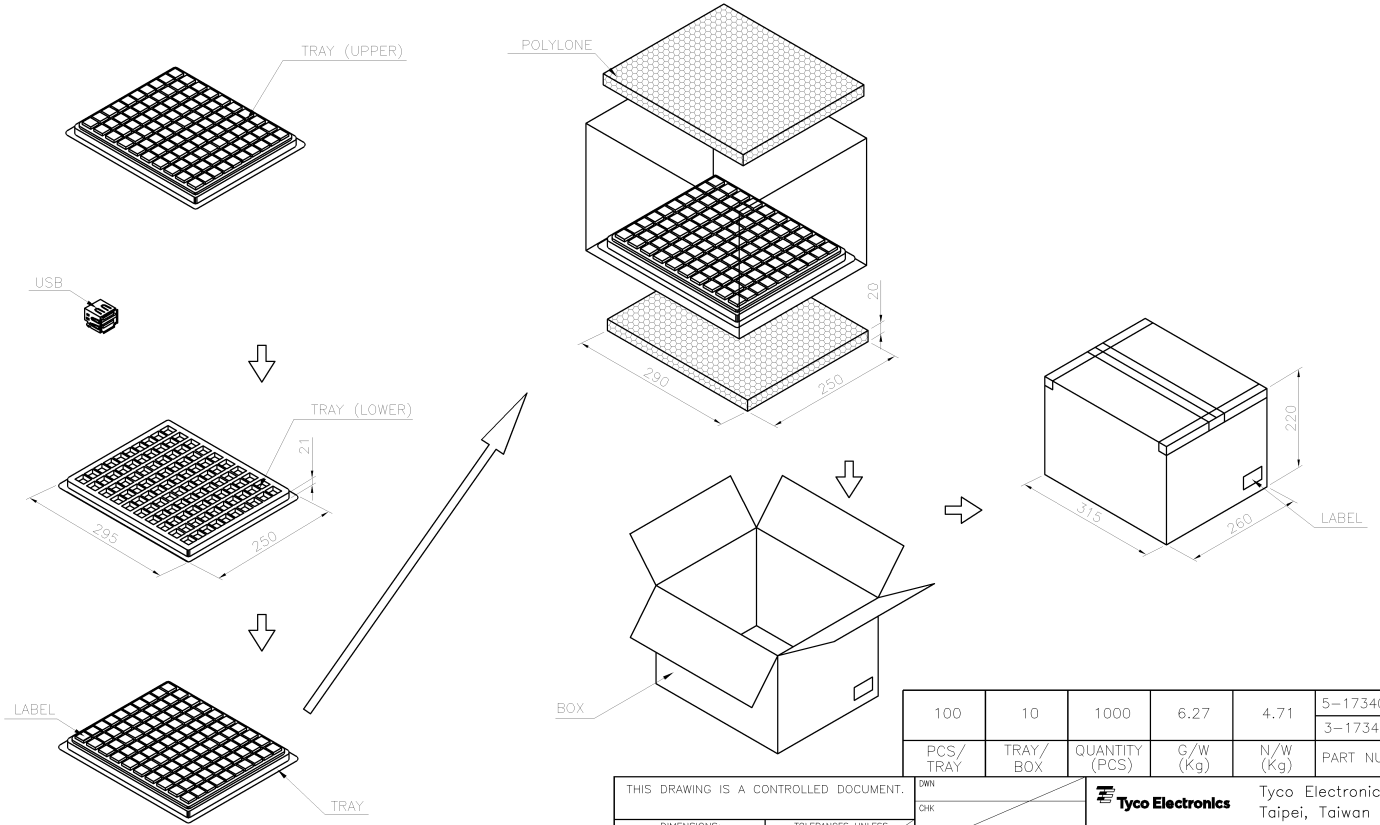
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
		SEE SHEET 1.				

D
C
B
A

D
C
B
A



100	10	1000	6.27	4.71	5-1734062-2	OBSOLETE
PCS/ TRAY	TRAY/ BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	3-1734062-1	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	NAME			
	0 PLC ± -	APVD	PRODUCT SPEC			
	1 PLC ± -		APPLICATION SPEC			
	2 PLC ± -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED
	3 PLC ± -		A3	00779	1734062	
	4 PLC ± -		CUSTOMER DRAWING		SCALE	SHEET 18 of 24
MATERIAL	FINISH	WEIGHT			REV	F

AMP 1470-19 REV 31MAR2000

4

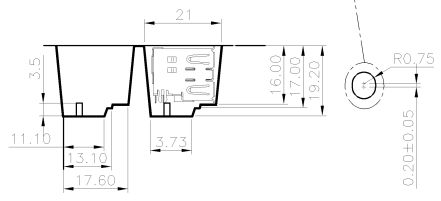
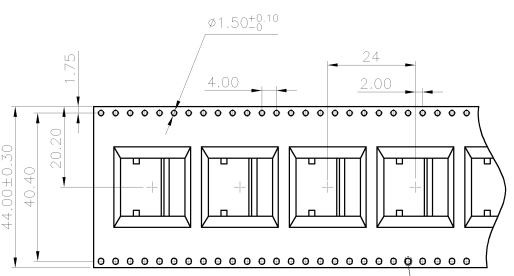
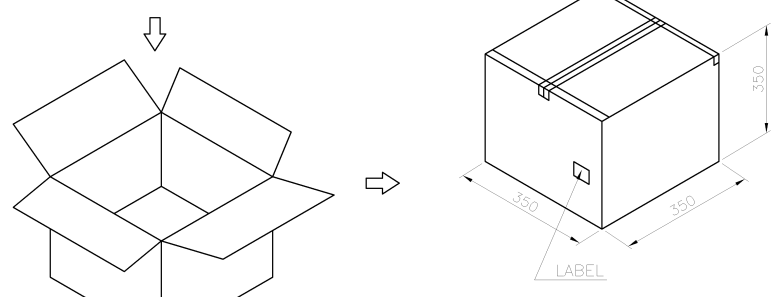
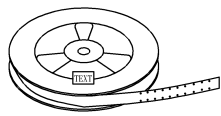
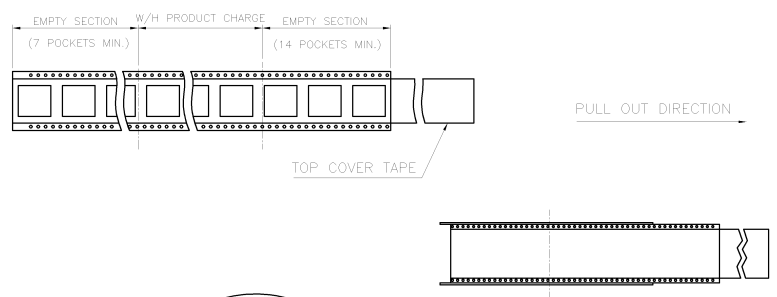
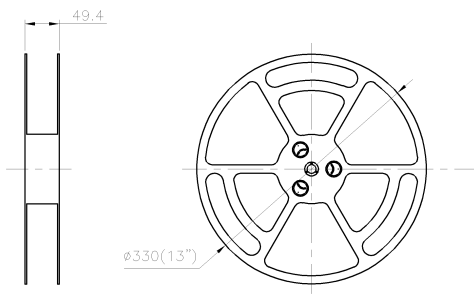
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			



140	7	980	8.60	4.62	5-1734062-1	OBSOLETE
PCS/REEL	REELS/BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN	CHK	APVD	NAME
0 PLC ± -	1 PLC ± -				
2 PLC ± -	3 PLC ± -				
4 PLC ± -	ANGLES ± -				
MATERIAL	FINISH	PRODUCT SPEC	APPLICATION SPEC	WEIGHT	RESTRICTED

Tyco Electronics Tyco Electronics Corporation
Taipei, Taiwan

USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE

SIZE: A3 CAGE CODE: 00779 DRAWING NO: 1734062

CUSTOMER DRAWING SCALE: SHEET 19 of 24 REV F

AMP 1470-19 REV 31MAR2000

4

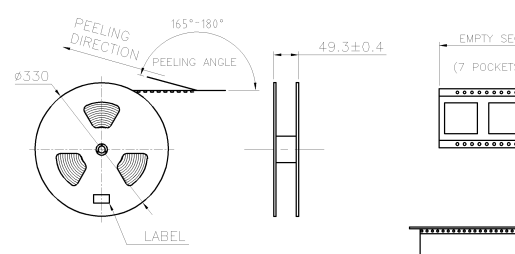
3

2

1

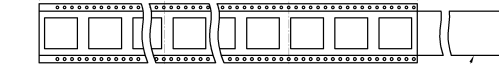
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
DW		SEE SHEET 1.				



49.3±0.4

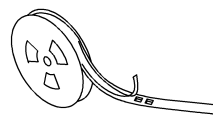
EMPTY SECTION (7 POCKETS MIN.) W/H PRODUCT CHARGE EMPTY SECTION (14 POCKETS MIN.)



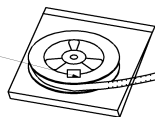
TOP COVER TAPE



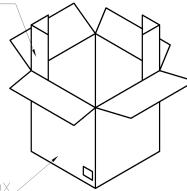
PULL OUT DIRECTION



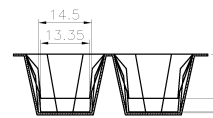
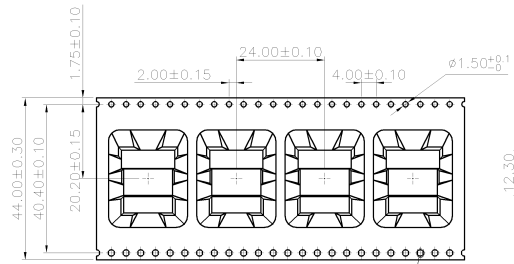
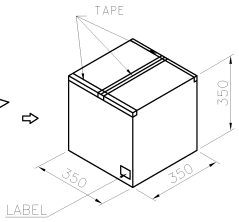
LABEL



FOLDER PAPER BOARD



SHIPPING BOX



7.23 Kg	3.2 Kg	100	7	700 PCS	4-1734062-2
GROSS WEIGHT	NET WEIGHT	PCS/REEL	REELS/CARTON	QUANTITY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	
DIMENSIONS: MM		CHK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	
0 PLC	± -	PRODUCT SPEC	
1 PLC	± -	APPLICATION SPEC	
2 PLC	± -	WEIGHT	
3 PLC	± -	CUSTOMER DRAWING	
4 PLC	± -		
ANGLES	± -		
MATERIAL	FINISH		

Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
NAME			
USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED
A3	00779	1734062	
SCALE		SHEET	REV
		20 of 24	F

4

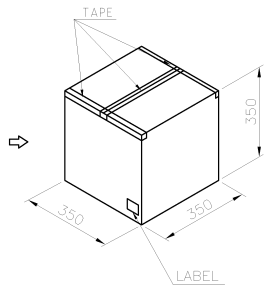
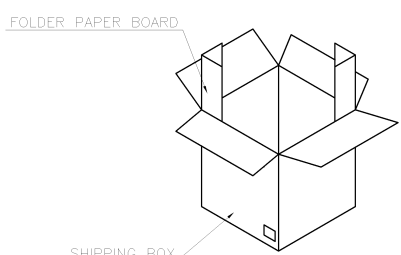
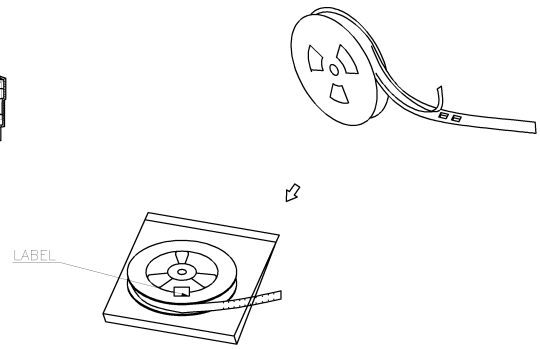
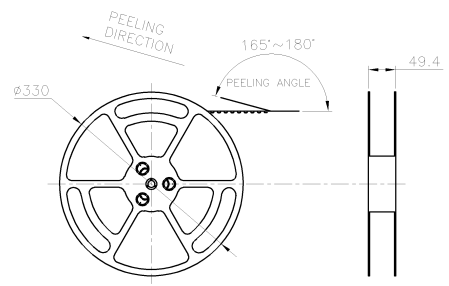
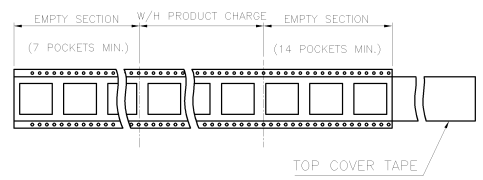
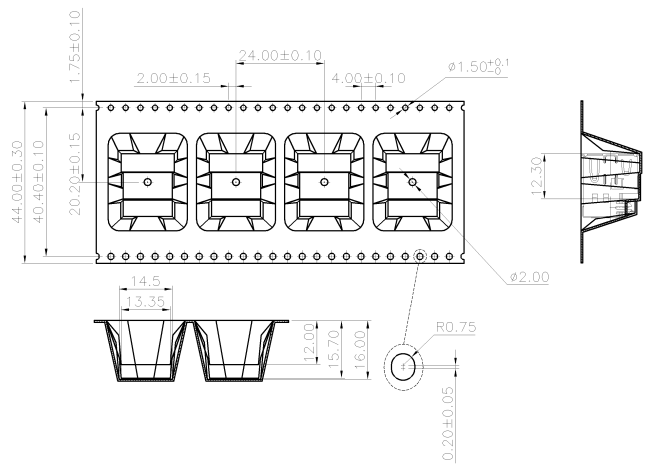
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
SEE SHEET 1.					



7.01 Kg	2.98 Kg	100	7	700 PCS	4-1734062-3
GROSS WEIGHT	NET WEIGHT	PCS/REEL	REELS / CARTON	QUANTITY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	
DIMENSIONS: MM		CHK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	
0 PLC	± -	PRODUCT SPEC	
1 PLC	± -	APPLICATION SPEC	
2 PLC	± -	WEIGHT	
3 PLC	± -	CUSTOMER DRAWING	
4 PLC	± -		
ANGLES	± -		
MATERIAL	FINISH		

Tyco Electronics		Tyco Electronics Corporation Taipei, Taiwan	
NAME			
USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED
A3	00779	©-1734062	
SCALE		SHEET	REV
		21 of 24	F

4

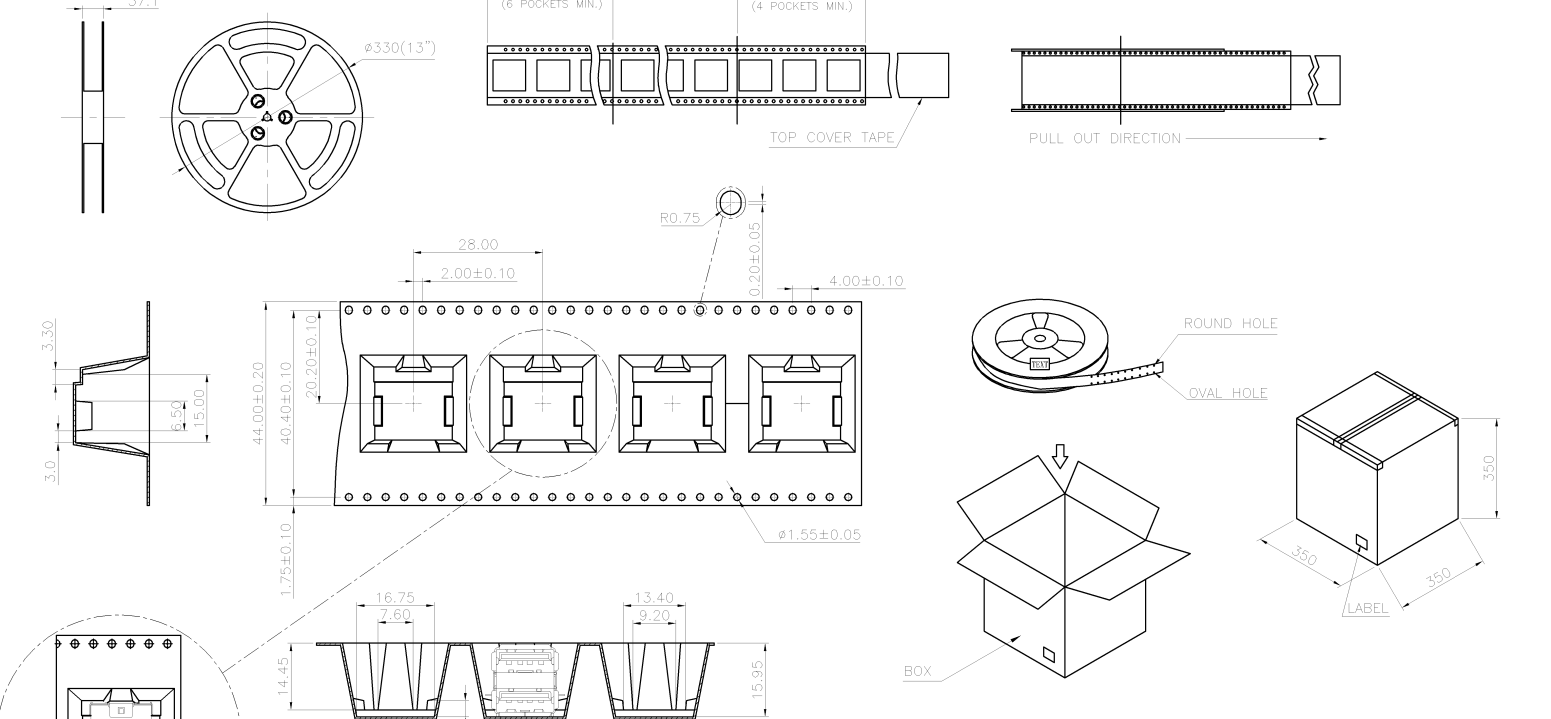
3

2

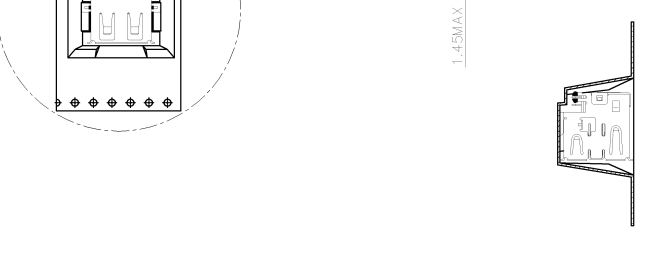
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



150	7	1050	8.93	4.95	6-1734062-1
PCS/REEL	REELS/BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	CHK	APVD	Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC	APPLICATION SPEC	WEIGHT	NAME	RESTRICTED
MATERIAL	FINISH	SIZE CAGE CODE DRAWING NO A3 00779 C-1734062		CUSTOMER DRAWING		SCALE
			SHEET 22 of 24		REV F	

AMP 1470-19 REV 31MAR2000

4

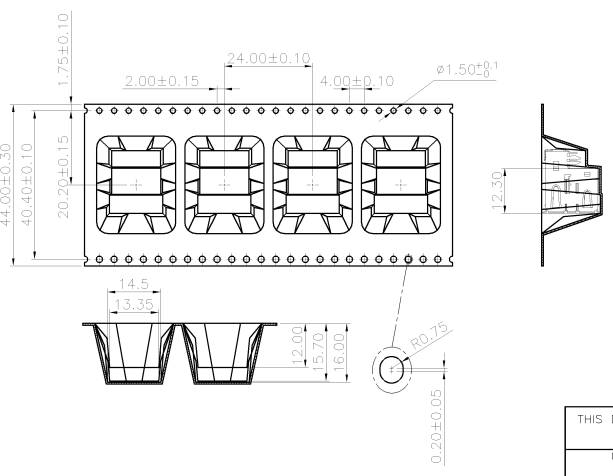
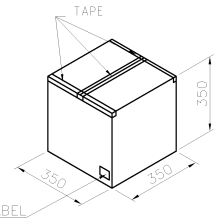
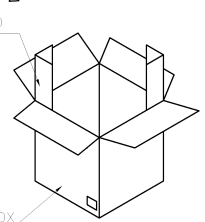
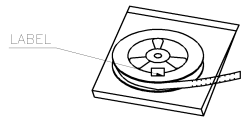
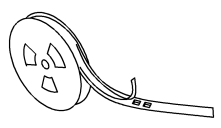
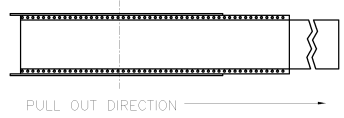
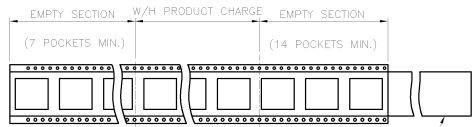
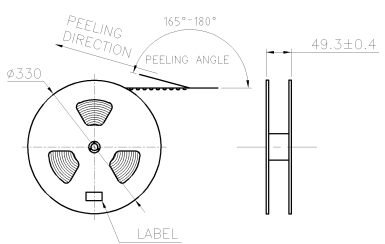
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 COPYRIGHT © BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



130	7	910	7.94	3.91	7-1734062-1
PCS/REEL	REELS/BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN	CHK	Tyco Electronics Corporation Taipei, Taiwan
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD	NAME	
MATERIAL	FINISH	PRODUCT SPEC	APPLICATION SPEC	USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE
		WEIGHT	RESTRICTED	
		CUSTOMER DRAWING	SCALE	SIZE CAGE CODE DRAWING NO
				A3 00779 C-1734062
				SHEET 23 of 24 REV F

AMP 1470-19 REV 31MAR2000

4

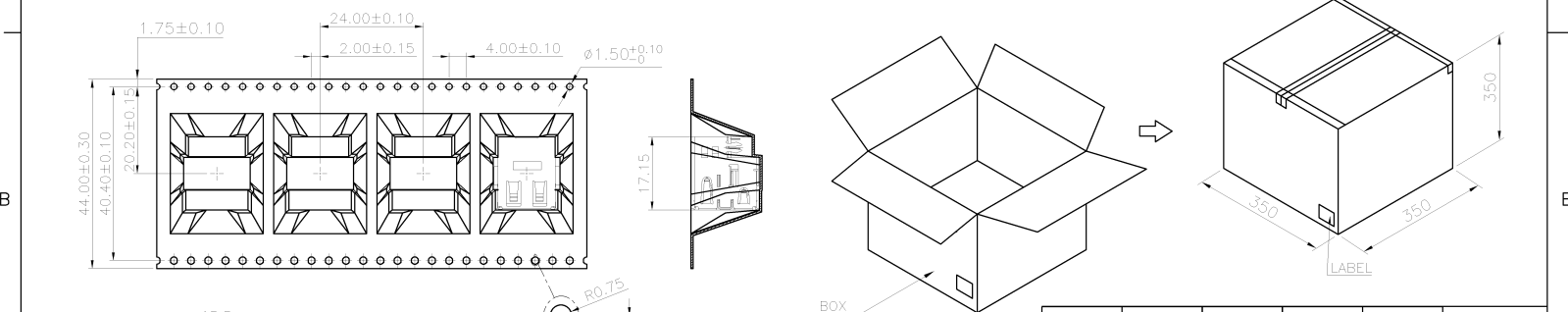
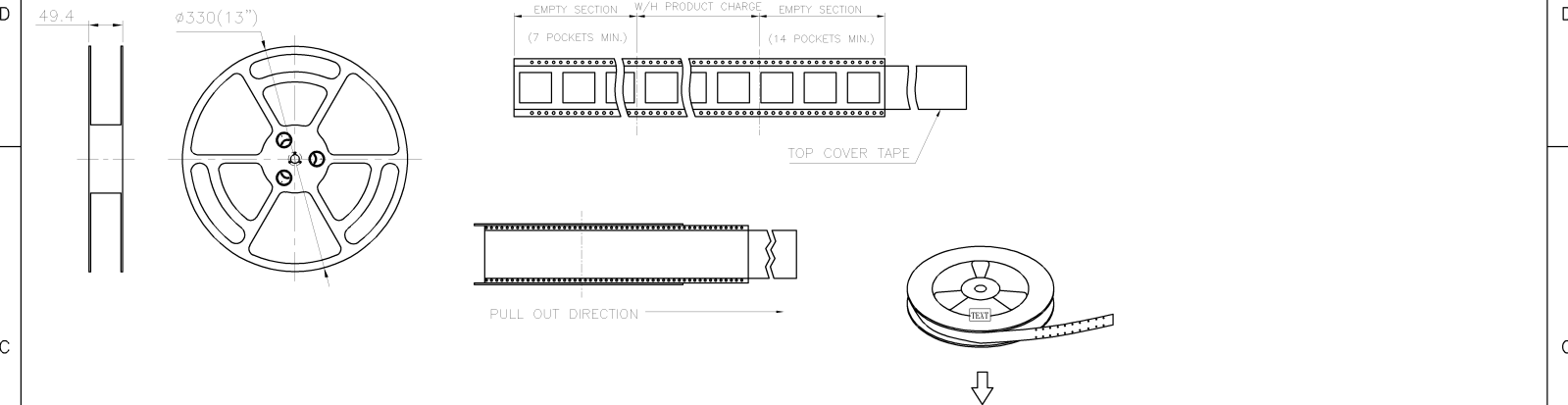
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			



180	7	1260	9.40	5.42	8-1734062-1
PCS/ REEL	REELS/ BOX	QUANTITY (PCS)	G/W (Kg)	N/W (Kg)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	OWN CHK APVD PRODUCT SPEC APPLICATION SPEC WEIGHT	Tyco Electronics Corporation Taipei, Taiwan USB CONNECTOR, A SERIES, STACKED, OFFSET TYPE
MATERIAL	FINISH	CUSTOMER DRAWING	SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-1734062 RESTRICTED?
		SCALE: -	SHEET: 24 of 24 REV: F

AMP 1470-19 REV 31MAR2000