

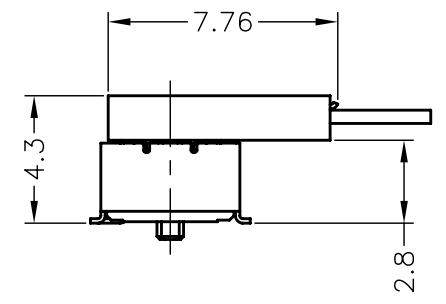
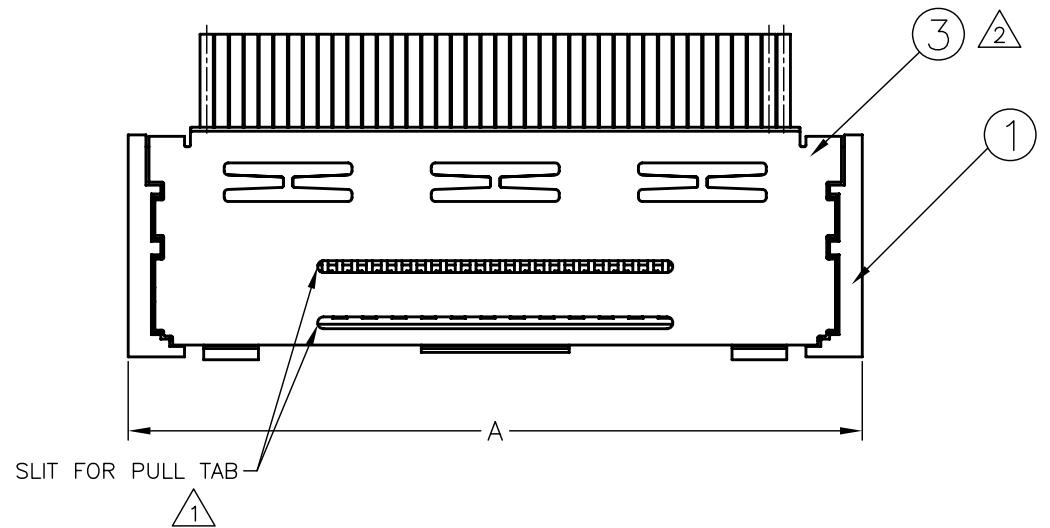
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
		C		REVISED (ECR-09-025170)	17NOV'09	P.H	H.K

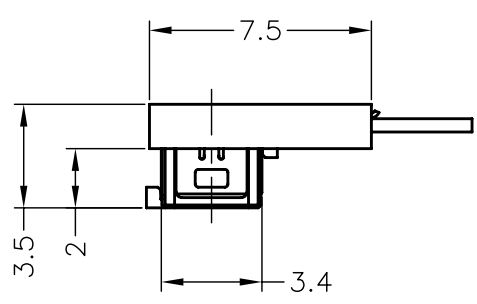
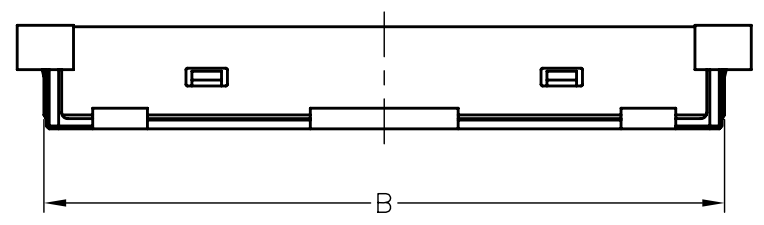
2023314-1, -2, -3, -4 : AS SHOWN

NOTES:  
 ① CABLE, PULL TAB, GROUND BAR ARE NOT INCLUDED IN PLUG ASS'Y  
 ② UPPER SHELL, LOWER SHELL, PURCHASED SEPARATELY

				W/O SHELL	WEIGHT
<del>1.055gram</del>	<del>0.845gram</del>	<del>0.635gram</del>	<del>0.425gram</del>	WITH SHELL	
<del>0.45gram</del>	<del>0.37gram</del>	<del>0.29gram</del>	<del>0.21gram</del>		
<del>2023366-1</del>	<del>2023318-1</del>	<del>2023352-1</del>	<del>2023320-1</del>		LOWER SHELL
<del>2023365-1</del>	<del>2023317-1</del>	<del>2023351-1</del>	<del>2023319-1</del>		UPPER SHELL
<del>2023314-4 (50POS)</del>	<del>2023314-3 (40POS)</del>	<del>2023314-2 (30 POS)</del>	<del>2023314-1 (20 POS)</del>		PLUG ASSY
PART NUMBER				NAME	

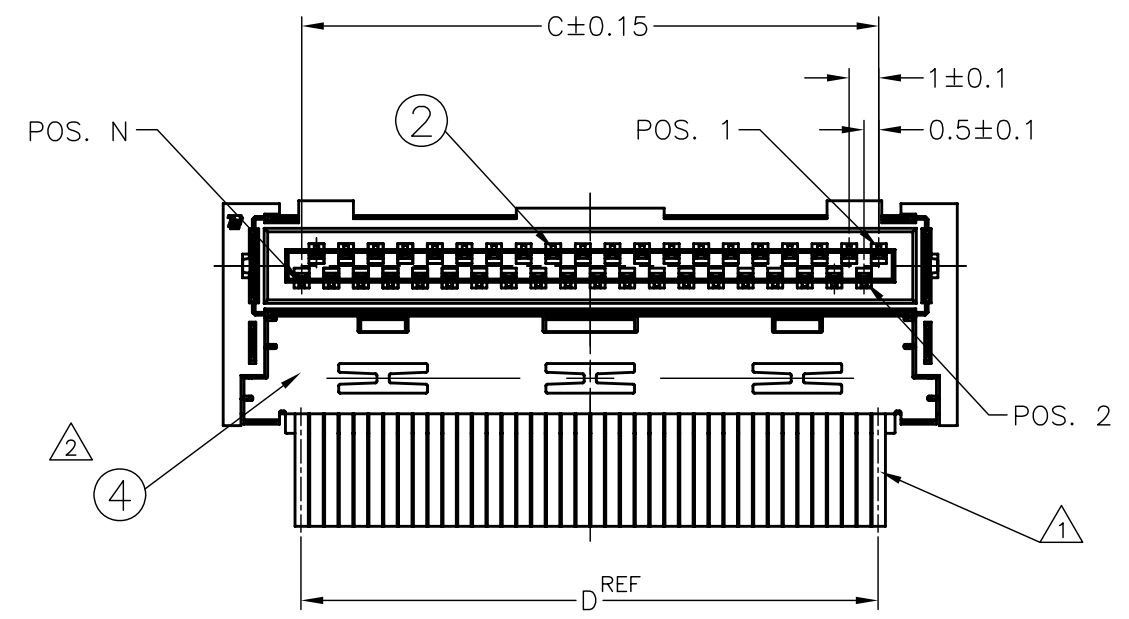


MATING CONDITION



DIMENSION OF EACH SYMBOL

P/N	POS	A	B	C
2023314-1	20	14.8	13	9.5
2023314-2	30	19.8	18	14.5
2023314-3	40	24.8	23	19.5
2023314-4	50	29.8	28	24.5



④	LOWER SHELL	COPPER ALLOY	NICKEL 0.0013 MM MIN. UNDER PLATING
③	UPPER SHELL	COPPER ALLOY	TIN PLATING 0.002MM MIN. ALL OVER
②	CONTACT	COPPER ALLOY	NICKEL 0.00127mm MIN. ALL OVER AU 0.000025~0.00008mm MIN. AT TINE AU 0.0002~0.0005mm AT CONTACT AREA
①	HOUSING	THERMOPLASTIC (UL94 V-0)	BLACK
ITEM	NAME	MATERIAL	FINISH/COLOR

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N.SOONG 04NOV08	Tyco Electronics Corporation Tapei, Taiwan	
DIMENSIONS: mm		CHK C.WAYDE 04NOV08	NAME LCD COAXIAL EMBEDDED DISPLAY INTERFACE (LCEDI) SR SERIES PLUG ASSY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.2 1 PLC ± 0.2 2 PLC ± 0.2 3 PLC ± 0.2 4 PLC ± 0.2 ANGLES ± 2'		APVD H.KODAMA 04NOV08	PRODUCT SPEC	
MATERIAL		APPLICATION SPEC	SIZE A3	CAGE CODE 00779
FINISH		WEIGHT	DRAWING NO C-2023314	RESTRICTED TO
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 of 4
			REV C	

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	-	-	-

2023314-1, -2, -3, -4 : AS SHOWN

(SOLDERING AREA)  
1  
DISCRETE CABLE  
BONDING

DISCRETE CABLE SET POSITION  
SCALE 5:1

(SOLDERING AREA)  
1  
LAMINATE TAPE  
SGC CABLE  
 $0.55 \pm 0.10$   
 $-0.05$   
3

SGC CABLE SET POSITION  
SCALE 5:1

LAMINATE TAPE  
INSULATOR  
CUT LINE  
CENTER CONDUCTOR  
 $E_{-0.3}$   
2.2 MAX.  
4~8  
3~7  
 $0.5 \pm 0.1$   
 $D \pm 0.2$

RECOMMENDED DISCRETE CABLE DIMENSION

LAMINATE TAPE  
JACKET  
OUTER CONDUCTOR  
GROUND BAR  
INSULATOR  
SOLDER TINE  
CUT LINE  
CENTER CONDUCTOR  
LAMINATE TAPE  
 $E_{-0.3}$   
0.8 MAX.  
0.5 MAX.  
6~10  
3~7  
 $0.5 \pm 0.1$   
1.6±0.2  
1.7±0.2  
3.2±0.2  
1±0.15 (BOTH SIDE)  
1.7±0.2  
1±0.15  
 $1 \pm 0.15$

RECOMMENDED SGC CABLE DIMENSION

DIMENSION OF EACH SYMBOL

P/N	POS	D	E
2023314-1	20	9.5	10.7
2023314-2	30	14.5	15.7
2023314-3	40	19.5	20.7
2023314-4	50	24.5	25.7

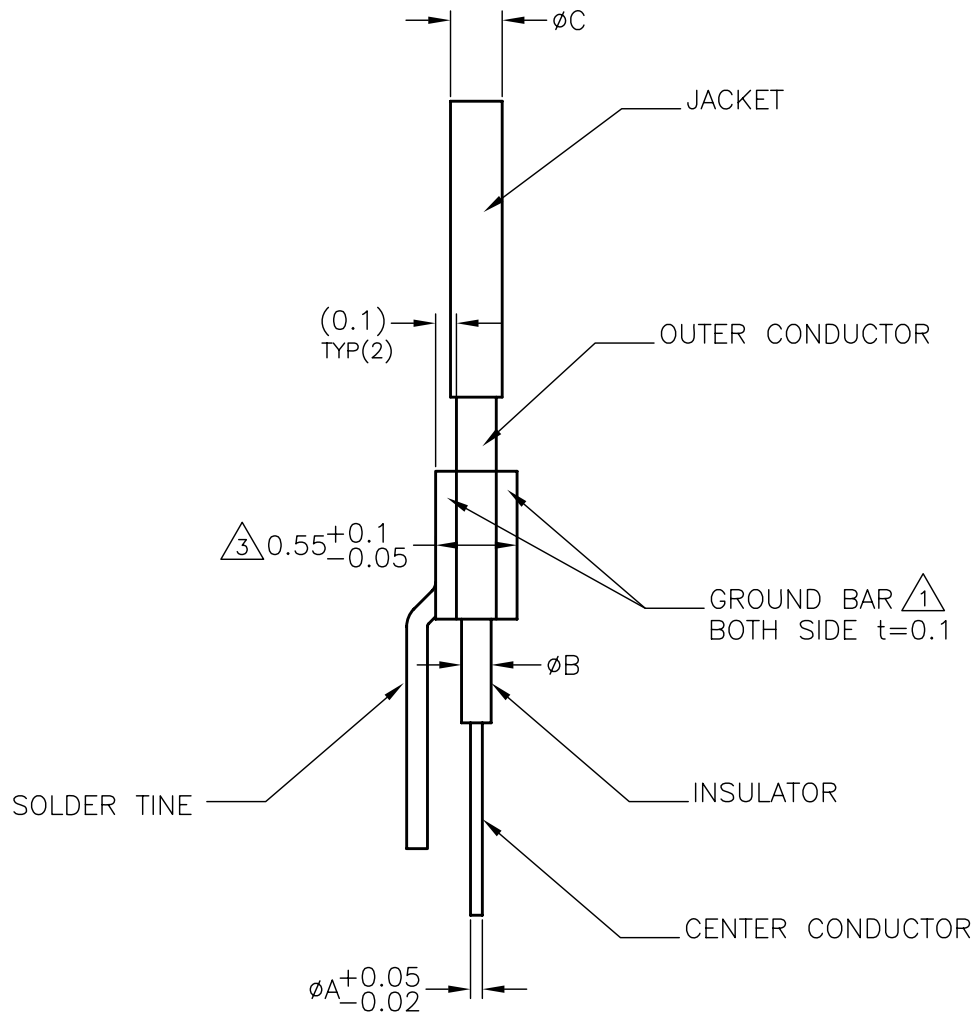
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-	Tyco Electronics Corporation Taipei, Taiwan
DIMENSIONS: mm		CHK	-	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	NAME LCD COAXIAL EMBEDDED DISPLAY INTERFACE (LCEDI) SR SERIES PLUG ASSY
0 PLC ± 0.2		PRODUCT SPEC	-	
1 PLC ± 0.2		APPLICATION SPEC	-	SIZE CAGE CODE DRAWING NO RESTRICTED TO A3 00779 C-2023314
2 PLC ± 0.2		WEIGHT	-	
3 PLC ± 0.2		CUSTOMER DRAWING	-	SCALE 10:1 SHEET 2 of 4 REV C
4 PLC ± 0.2				
ANGLES ± 2'				
MATERIAL				
FINISH				

AMP 1470-19 REV 31MAR2000

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	-	-	-

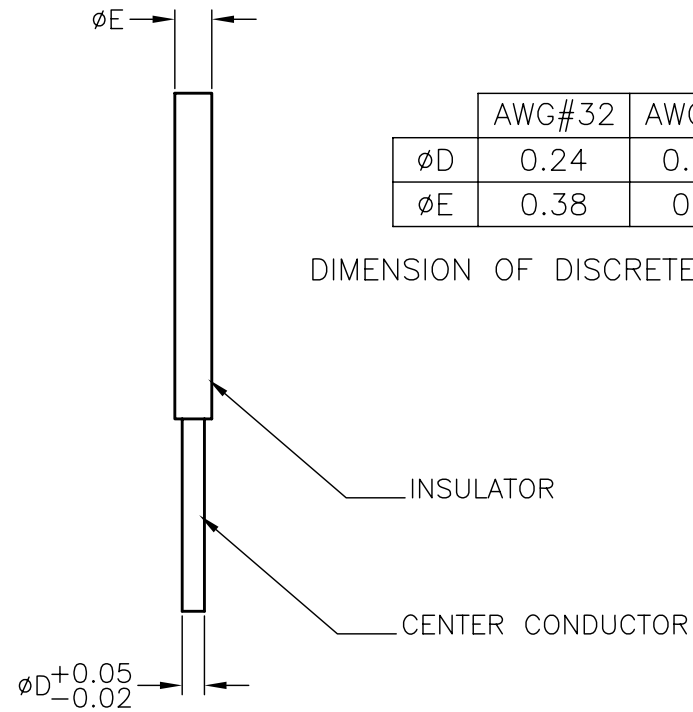
2023314-1, -2, -3, -4 : AS SHOWN



RECOMMENDED SGC CABLE DIMENSION

	AWG#32	AWG#34	AWG#36	AWG#40
$\phi A$	0.24	0.192	0.15	0.09
$\phi B$	0.36	0.33	0.3	0.21
$\phi C$	0.46	0.43	0.4	0.33

DIMENSION OF SGC CABLE (UNIT: mm)



	AWG#32	AWG#34	AWG#36
$\phi D$	0.24	0.192	0.15
$\phi E$	0.38	0.32	0.25

DIMENSION OF DISCRETE CABLE (UNIT: mm)

RECOMMENDED DISCRETE CABLE DIMENSION

	CENTER CONDUCTOR DIA.	INSULATOR DIA.	JACKET DIA.
AWG#40	$\phi 0.09^{+0.05}_{-0.02}$	$\phi 0.21$	0.41X0.62

DIMENSION OF TWINCOAX CABLE (UNIT: mm)

NOTES:

$\Delta 3$  TWINCOAX CABLE SHOULD BE FOLLOWED THIS DIMENSION AT GROUND BAR AREA

APPLICABLE CABLE SIZE

SGC	AWG#32~#40
TWINCOAX	AWG#40
DISCRETE	AWG#32~#36

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		Tyco Electronics		Tyco Electronics Corporation	
CHK		APVD		NAME		Taipei, Taiwan	
DIMENSIONS: mm		PRODUCT SPEC		LCD COAXIAL EMBEDDED DISPLAY INTERFACE (LCEDI)			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SR SERIES			
0 PLC $\pm 0.2$		WEIGHT		PLUG ASSY			
1 PLC $\pm 0.2$		CUSTOMER DRAWING		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC $\pm 0.2$		SCALE 20:1		A3	00779	C-2023314	
3 PLC $\pm 0.2$		SHEET 3 of 4					
4 PLC $\pm 0.2$		REV C					
ANGLES $\pm 2'$							
MATERIAL							
FINISH							

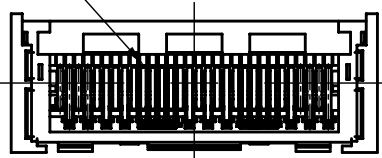
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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

- NOTE.
- MATERIAL: TRAY: HIPS, COLOR: NATURAL, t=0.8
  - CARTON DIMENSION: 504X364X192

P/N	POS	DIM F	DIM G	PCS/TRAY	TRAY/CARTON	TOTAL Q'TY
2023314-1	20	266	26.6	132	40	5280
2023314-2	30	268.2	29.8	120	40	4800
2023314-3	40	264	33	108	40	4320
2023314-4	50	253.4	36.2	96	40	3840

PLUG CONNECTOR

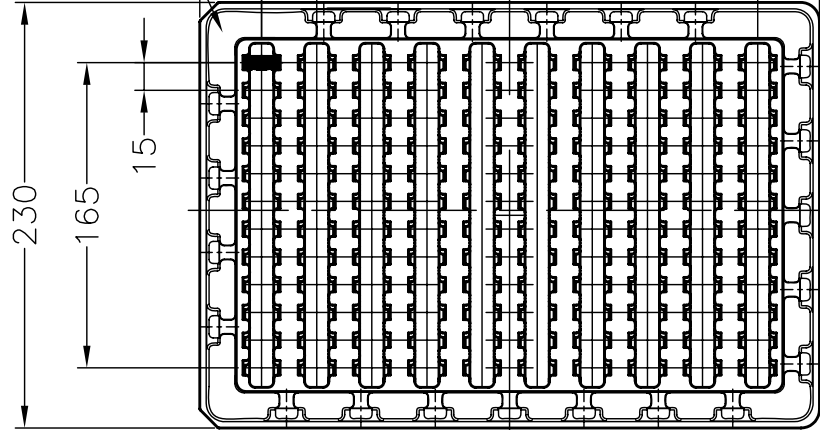


335

DIM F

DIM G

TRAY



230

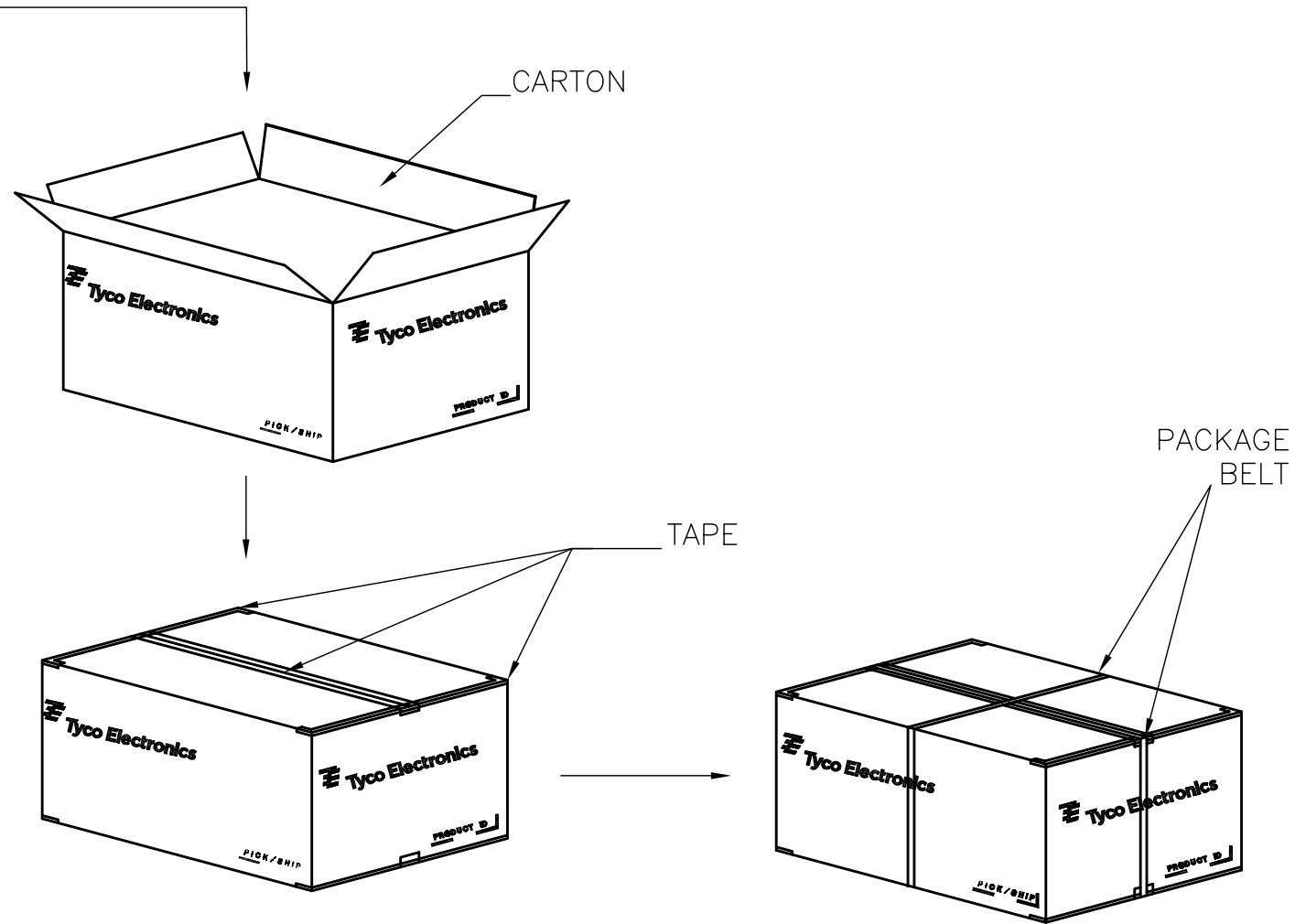
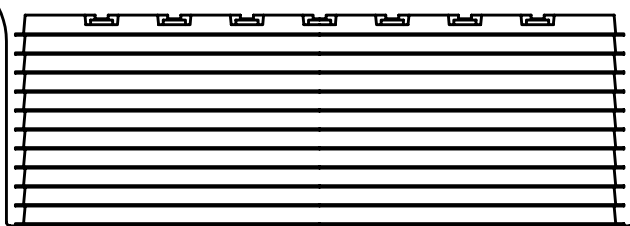
165

15



10.3

AIR CAP



CARTON

TAPE

PACKAGE BELT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N.SOONG 04NOV08	Tyco Electronics Corporation Taipi, Taiwan	
DIMENSIONS: mm		CHK C.WAYDE 04NOV08	NAME LCD COAXIAL EMBEDDED DISPLAY INTERFACE (LCEDI) SR SERIES PLUG ASSY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD H.KODAMA 04NOV08	PRODUCT SPEC	
MATERIAL		FINISH	APPLICATION SPEC	RESTRICTED TO
		WEIGHT	SIZE A3	CAGE CODE 00779
		CUSTOMER DRAWING	DRAWING NO C-2023314	REV C
		SCALE 1:1	SHEET 4 of 4	