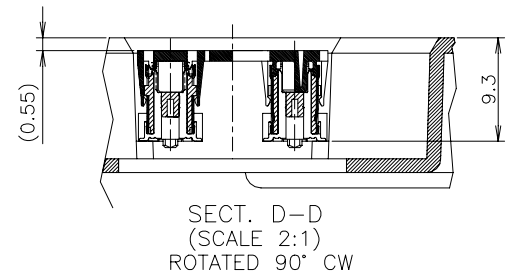
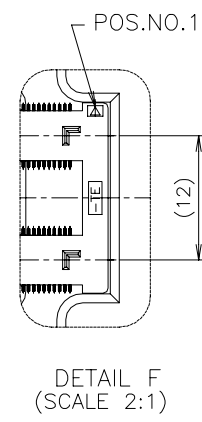
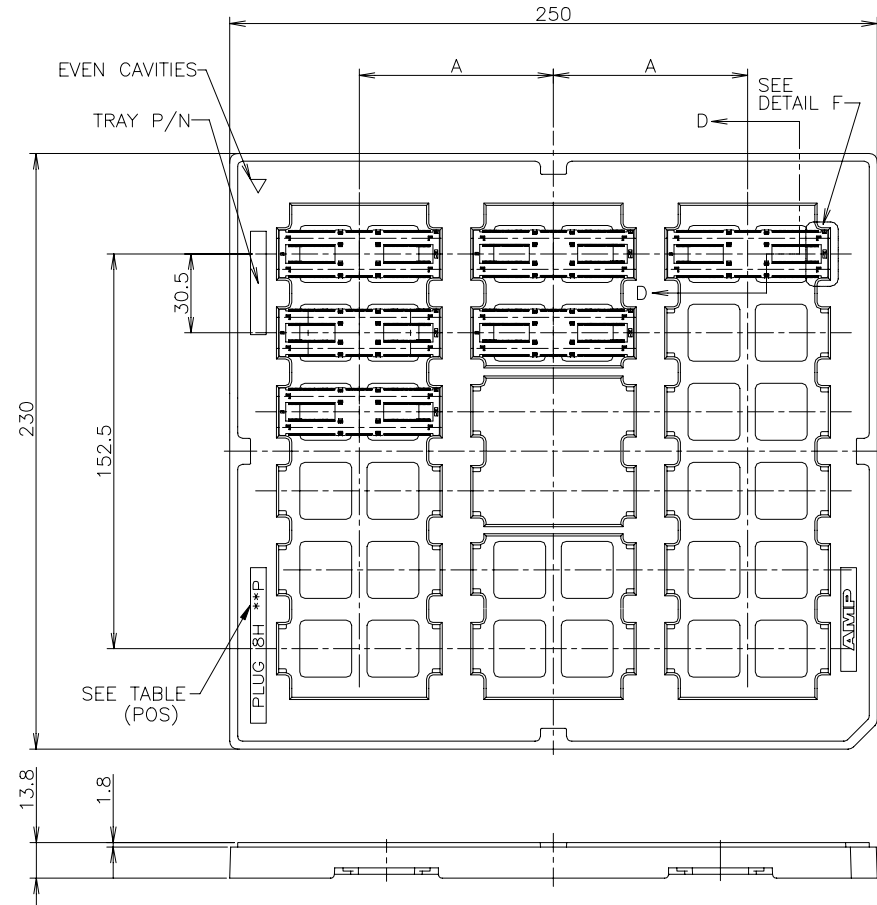


REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
D		ECR-20-005263: CORRECT VIEW ERROR	09APR02020	AL HL

3-5353652-6 / 8 / 9 PACKAGE: AS SHOWN



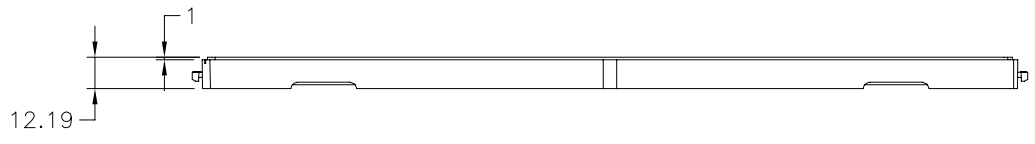
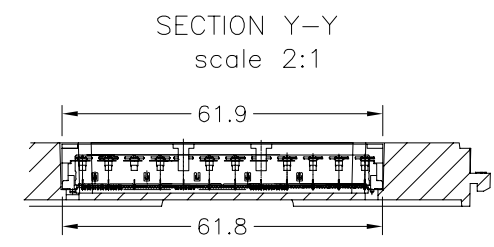
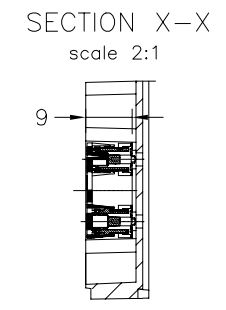
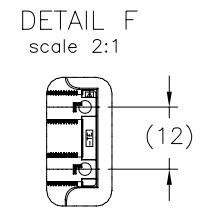
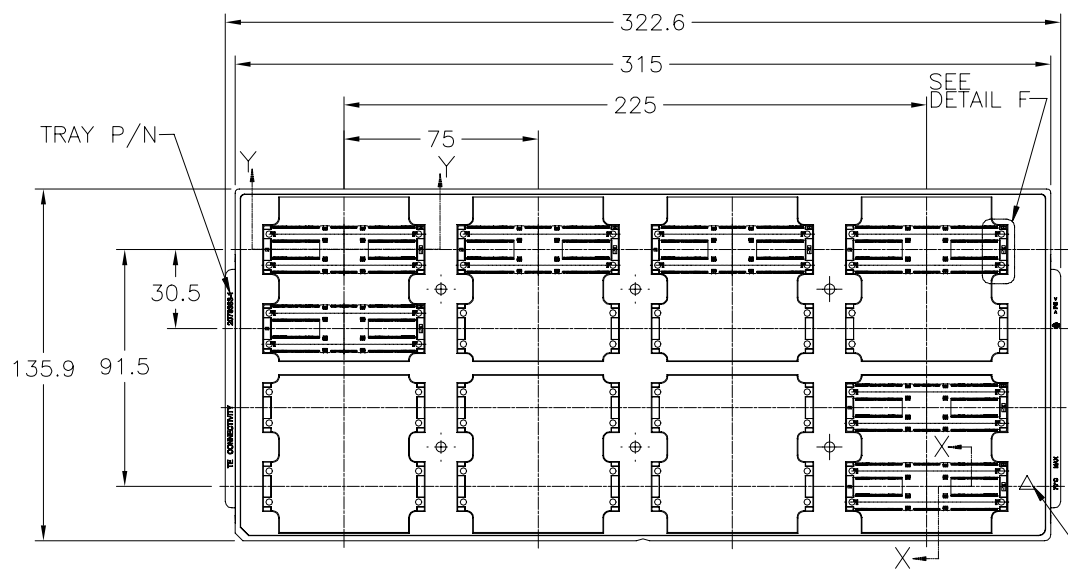
3	18	75	440	3-5353652-9
3	18	75	440	3-5353652-8
3	18	75	440	3-5353652-6
ROW	QTY	A	POS.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S. CHIEN 18MAY05	TE Connectivity Ltd. HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP
CHK T. FUTATSUGI 18MAY05	
APVD H. KODAMA 18MAY05	
PRODUCT SPEC 108-5560 APPLICATION SPEC	
MATERIAL	NAME
FINISH	SIZE A3
	CAGE CODE 00779
	DRAWING NO C=5353652
	RESTRICTED TO
CUSTOMER DRAWING	SCALE 1:2
	SHEET 1 OF 9
	REV D

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

3-5353652-7 PACKAGE : AS SHOWN



NON SEALANT	YES	4	16	440	2078333-1	3-5353620-6	3-5353652-7
TOOLING STATUS	ROW	QTY	POS.	TRAY P/N	ON CAP CONN P/N	PART NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 0.25
	1 PLC ± 0.15
	2 PLC ± 0.10
	3 PLC ± 0.05
	4 PLC ± 0.0250
	ANGLES ± 3'
MATERIAL	FINISH

DWN S. CHIEN 18MAY05	NAME TE TE Connectivity Ltd.
CHK T. FUTATSUGI 18MAY05	
APVD H. KODAMA 18MAY05	
PRODUCT SPEC 108-5560	
APPLICATION SPEC	HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP
WEIGHT	SIZE A3
CUSTOMER DRAWING	CAGE CODE 00779
	DRAWING NO G=5353652
	RESTRICTED TO
	SCALE 1:2
	SHEET 2 OF 9
	REV D

4

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

CAP SETTING CONDITION OF 3-5353652-6/7/8/9

Top view of the connector assembly. Dimensions include a total width of 18.75, a total height of 16.8, and a distance of 18.4 from the top edge to the center of the connector. A distance of 7.2 is shown from the center to the edge of the connector. A tolerance of ± 0.1 is indicated. Callouts include 'POS NO.1' and 'TRADE MARK' with a triangle symbol.

Cross-sectional view of the connector assembly. Dimensions include a total height of 18.2, a distance of 2 from the top edge to the center of the connector, and a distance of 3.9 from the center to the edge of the connector. Callouts include '220POS/CONNECTOR'.

Side view of the connector assembly. A dimension of 8.75 is shown for the height of the connector housing.

BLACK	61.9	440	3-5353652-9
BLACK	61.9	440	3-5353652-8
BLACK	61.9	440	3-5353652-7
BLACK	61.9	440	3-5353652-6
CAP COLOR	B	POS	PART NO.

NOTE

△ SINK SURFACE 0.1, RISING CHARACTER 0.08
 '—TE—' MANUFACTURED BY TE JP
 '—TE—' MANUFACTURED BY TE QD

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± 0.25
1 PLC	± 0.15
2 PLC	± 0.10
3 PLC	± 0.05
4 PLC	± 0.0250
ANGLES	$\pm 3'$

MATERIAL

FINISH

DWN S. CHIEN 18MAY05

CHK T. FUTATSUGI 18MAY05

APVD H. KODAMA 18MAY05

PRODUCT SPEC

APPLICATION SPEC

108-5560

WEIGHT

CUSTOMER DRAWING

SCALE 1:2

SHEET 3 OF 9

REV D

NAME

HARD TRAY ASSY

FH 0.5BTB CONNECTOR

PLUG 8H W/G-PLATE ON 2ROW CAP

SIZE A3

CAGE CODE 00779

DRAWING NO. C=5353652

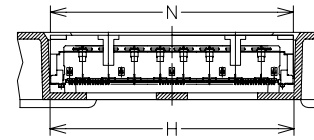
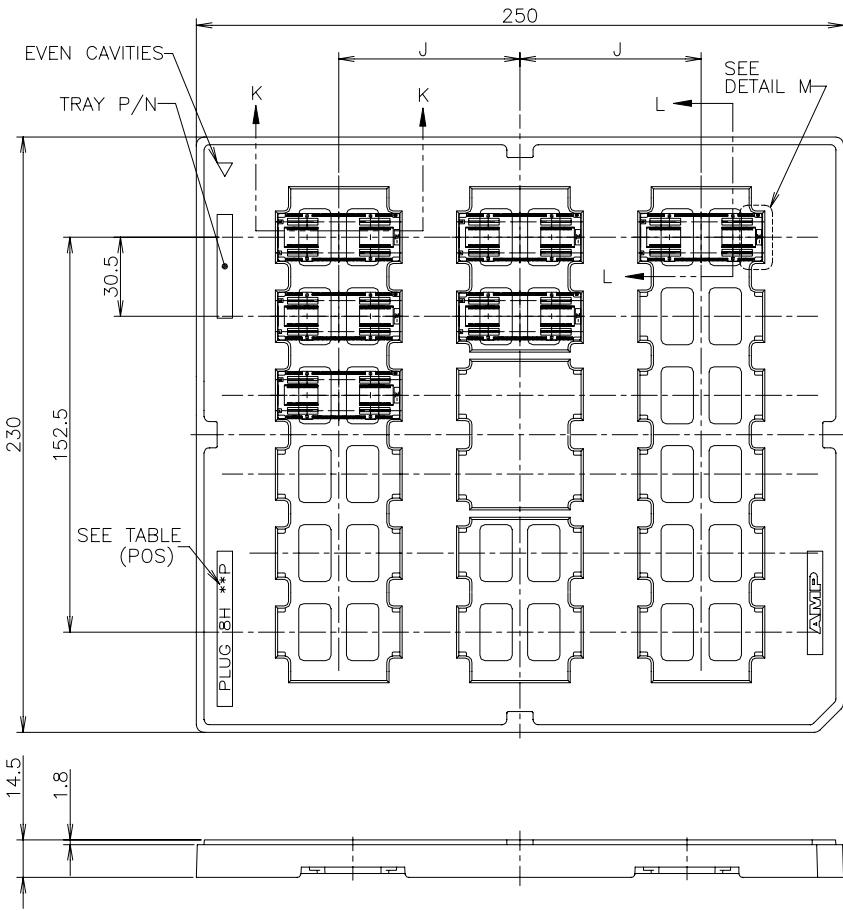
RESTRICTED TO

1470-19 (1/15)

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

6-5353652-2 PACKAGE: AS SHOWN
 1-5353652-2 PACKAGE: AS SHOWN



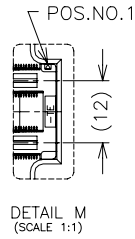
K-K (SCALE 1:1)

TOOLING STATUS	ROW	QTY	J	H	N	POS.	TRAY P/N	ON CAP CONN P/N	PART NO.
NOT AVAILABLE	3	18	↑	66.8	66.9	480	.	6-5353620-7	6-5353652-7
↑	↑	↑	75	61.8	61.9	440	.	6-↑	6-↑
↑	↑	↑	70	56.8	56.9	400	.	6-↑	6-↑
↑	↑	↑	70	51.8	51.9	360	.	6-↓	6-↓
NOT AVAILABLE	↑	↑	↑	49.3	49.4	340	.	6-5353620-3	6-5353652-3
AVAILABLE	↑	↑	↑	46.8	46.9	320	7-912066-6	6-5353620-2	6-5353652-2
NOT AVAILABLE	↑	↑	↑	44.3	44.4	300	.	6-5353620-1	6-5353652-1
↑	↑	↑	↑	41.8	41.9	280	.	6-↑	6-↑
↑	3	18	70	36.8	36.9	240	.	5-↑	5-↑
↑	5	30	43	31.8	31.9	200	.	5-↑	5-↑
↑	↑	↑	↑	29.3	29.4	180	.	5-↑	5-↑
↑	↑	↑	↑	26.8	26.9	160	.	5-↑	5-↑
↑	↑	↑	↑	24.3	24.4	140	.	5-↑	5-↑
↑	↑	↑	↑	21.8	21.9	120	.	5-↑	5-↑
↑	↑	↑	↑	19.3	19.4	100	.	5-↑	5-↑
↑	↑	↑	↑	16.8	16.9	80	.	5-↓	5-↓
NOT AVAILABLE	5	30	43	14.3	14.4	60	.	5-5353620-1	5-5353652-1
NOT AVAILABLE	3	18	↑	66.8	66.9	480	.	1-5353620-7	1-5353652-7
↑	↑	↑	75	61.8	61.9	440	.	1-↑	1-↑
↑	↑	↑	70	56.8	56.9	400	.	1-↑	1-↑
↑	↑	↑	70	51.8	51.9	360	.	1-↓	1-↓
NOT AVAILABLE	↑	↑	↑	49.3	49.4	340	.	1-5353620-3	1-5353652-3
AVAILABLE	↑	↑	↑	46.8	46.9	320	7-912066-6	1-5353620-2	1-5353652-2
NOT AVAILABLE	↑	↑	↑	44.3	44.4	300	.	1-5353620-1	1-5353652-1
↑	↑	↑	↑	41.8	41.9	280	.	1-↑	1-↑
↑	3	18	70	36.8	36.9	240	.	↑	↑
↑	5	30	43	31.8	31.9	200	.	↑	↑
↑	↑	↑	↑	29.3	29.4	180	.	↑	↑
↑	↑	↑	↑	26.8	26.9	160	.	↑	↑
↑	↑	↑	↑	24.3	24.4	140	.	↑	↑
↑	↑	↑	↑	21.8	21.9	120	.	↑	↑
↑	↑	↑	↑	19.3	19.4	100	.	↑	↑
↑	↑	↑	↑	16.8	16.9	80	.	↑	↑
NOT AVAILABLE	5	30	43	14.3	14.4	60	.	5353620-1	5353652-1

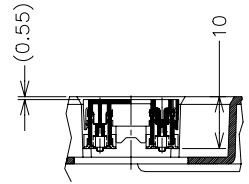
SEALANT (SIF-200B)

NON SEALANT

SEALANT



DETAIL M (SCALE 1:1)



L-L (SCALE 1:1) ROTATED 90°CW

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC	± 0.25
1 PLC	± 0.15
2 PLC	± 0.10
3 PLC	± 0.05
4 PLC	± 0.0250
ANGLES	± 3'

MATERIAL FINISH

DWN	_____
CHK	_____
APVD	_____
PRODUCT SPEC	_____
APPLICATION SPEC	_____
WEIGHT	_____

TE TE Connectivity Ltd.

HARD TRAY ASSY
 FH 0.5BTB CONNECTOR
 PLUG 8H W/G-PLATE ON 2ROW CAP

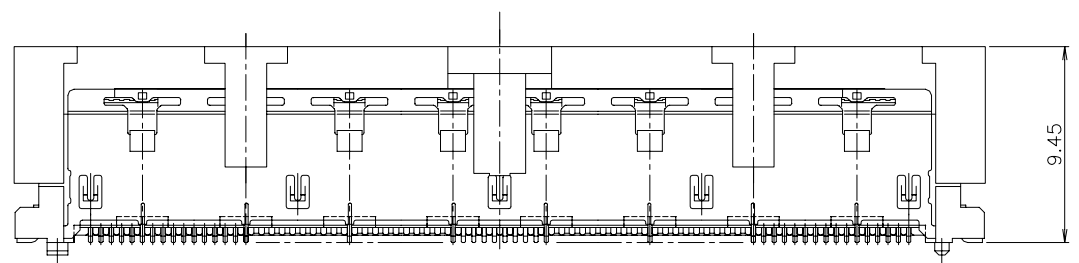
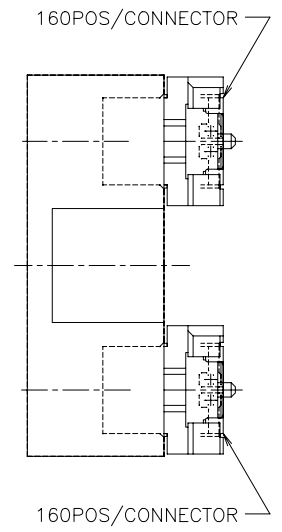
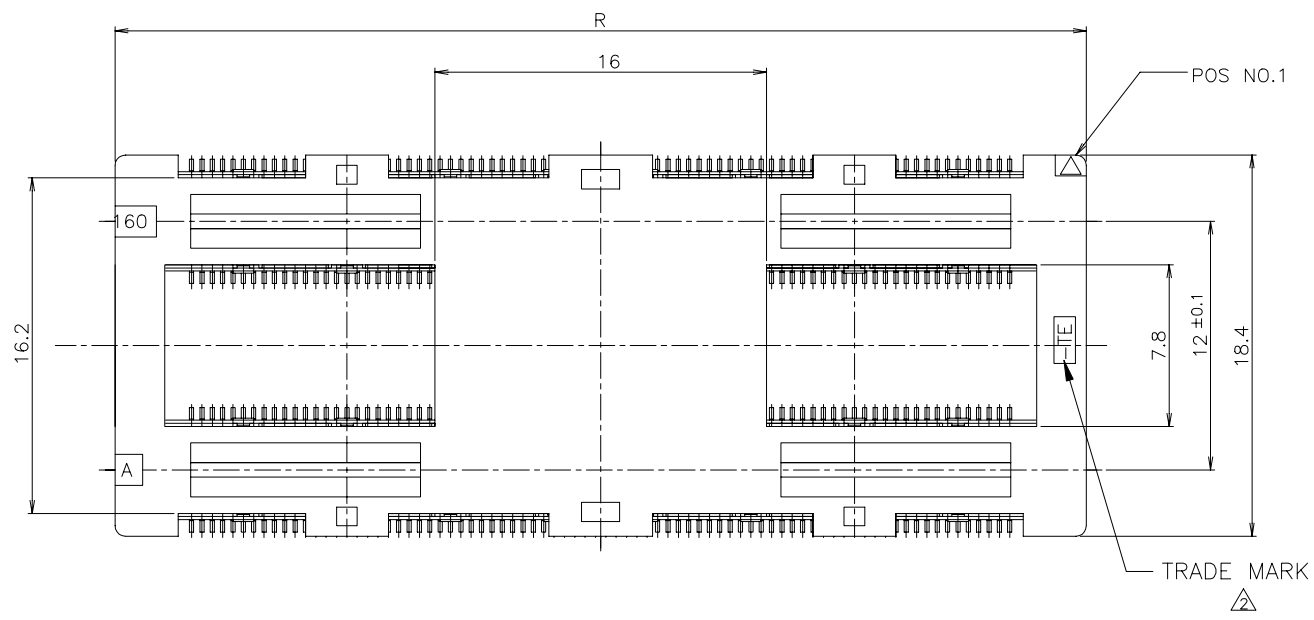
SIZE: A3 CAGE CODE: 00779 DRAWING NO: C=5353652

CUSTOMER DRAWING

SCALE	4:1	SHEET	4 OF 9	REV	D
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

CAP SETTING CONDITION OF 1-5353652-2 & 6-5353652-2



YES	NATURAL	46.9	320	6-5353652-2
NO	NATURAL	46.9	320	1-5353652-2
SEALANT	CAP COLOR	R	POS	PART NO.

NOTE
 △ SINK SURFACE 0.1, RISING CHARACTER 0.08
 '—TE' MANUFACTURED BY TE JP
 '—TE—' MANUFACTURED BY TE QD

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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.25 1 PLC ± 0.15 2 PLC ± 0.10 3 PLC ± 0.05 4 PLC ANGLES ± 0.0250 ± 3'	DWN	NAME
	MATERIAL	CHK	APVD
	FINISH	APVD	PRODUCT SPEC
		PRODUCT SPEC	APPLICATION SPEC
		WEIGHT	SIZE
		CUSTOMER DRAWING	A3 00779
			C=5353652
			RESTRICTED TO
			SCALE 4:1 SHEET 5 OF 9 REV D

TE TE Connectivity Ltd.
 HARD TRAY ASSY
 FH 0.5BTB CONNECTOR
 PLUG 8H W/G-PLATE ON 2ROW CAP

4 3 2 1

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

③ MATERIAL ; HOUSING : HIGH TEMP THERMO PLASTIC UL94V-0
CONTACT : COPPER ALLOY
SOLDER PEG : COPPER ALLOY

④ FINISH ; SIGNAL CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.0002mm MIN Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
GROUND CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.0002mm MIN Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
SOLDER PEG : 0.001mm MIN TIN PL. OVER
0.0013mm MIN Ni PL ALL OVER.

⑤ THIS POSITION IS GROUND CIRCUIT.

⑥ THIS PRODUCT IS COATED BY FLUX-PENETRATION-INHIDITING AGENT.

⑦ FINISH ; SIGNAL CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.00076mm MIN Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
GROUND CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.00076mm MIN Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
SOLDER PEG : 0.001mm MIN TIN PL. OVER
0.0013mm MIN Ni PL ALL OVER.

	△	61.8	57.7	59.5	57.1	54.5	220	BLACK	3-5353652-9
HM-15	△	61.8	57.7	59.5	57.1	54.5	220	BLACK	3-5353652-8
	△	46.8	42.7	44.5	42.1	39.5	160	NATURAL	6-5353652-2
	△	46.8	42.7	44.5	42.1	39.5	160	NATURAL	1-5353652-2
	△	61.8	57.7	59.5	57.1	54.5	220	BLACK	3-5353652-6
LUBRICANT	PLATING SPEC	G	F	E	D	C	POS OF EACH CONNECTOR	HSG COLOR	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	TE Connectivity Ltd.		
0 PLC ± 0.25	1 PLC ± 0.15	CHK	HARD TRAY ASSY		
2 PLC ± 0.10	3 PLC ± 0.05	APVD	FH 0.5BTB CONNECTOR		
4 PLC ± 0.025	ANGLES ± 3'	PRODUCT SPEC	PLUG 8H W/G-PLATE ON 2ROW CAP		
MATERIAL ①	FINISH ②	APPLICATION SPEC	SIZE A3	CAGE CODE 00779	DRAWING NO. C=5353652
		WEIGHT	RESTRICTED TO		
		CUSTOMER DRAWING	SCALE 4:1	SHEET 6 OF 9	REV D

1470-19 (1/15)

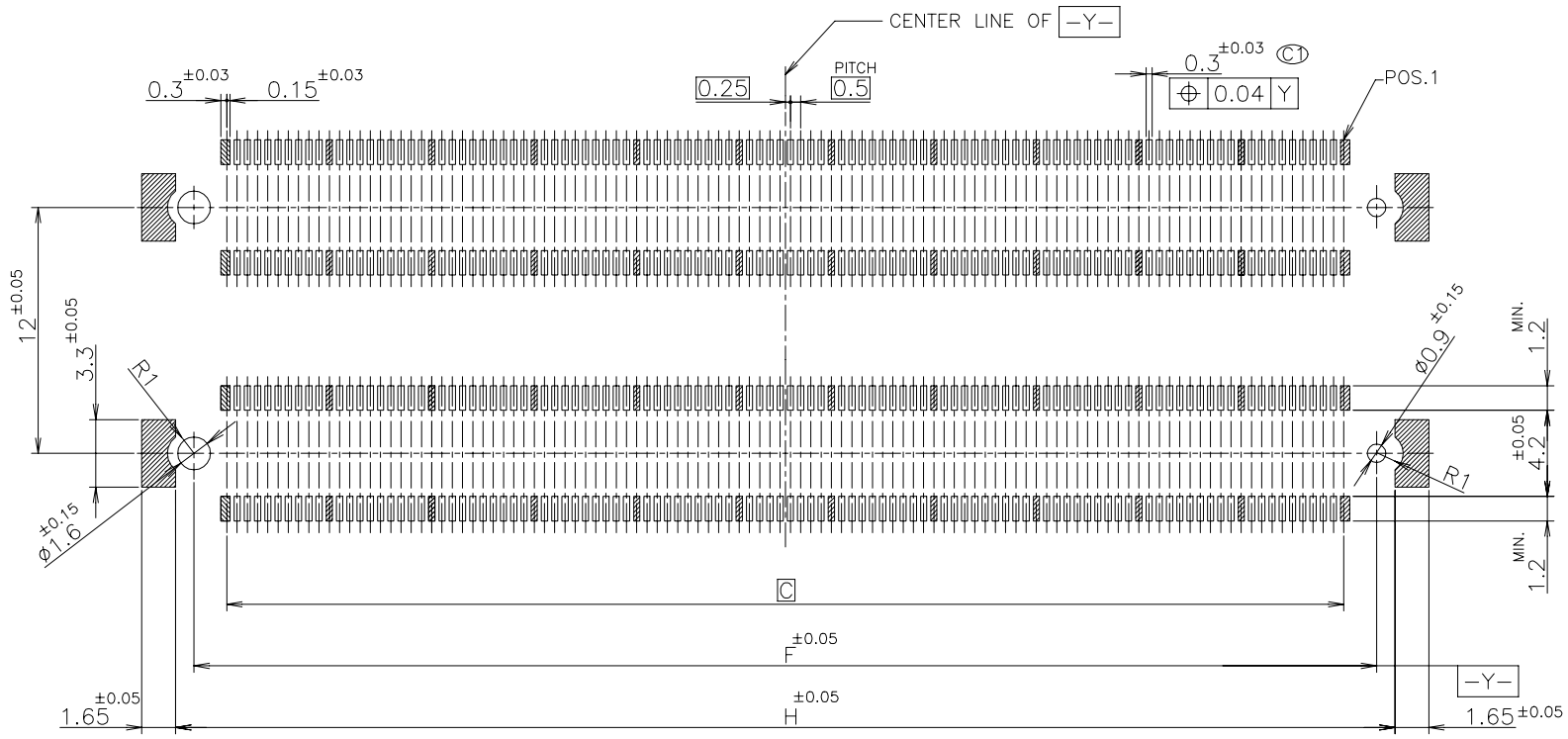
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



REFERENCE P.C. BOARD LAYOUT

59.5	57.7	440	3-5353652-9
59.5	57.7	440	3-5353652-8
59.5	57.7	440	3-5353652-7
44.5	42.7	320	6-5353652-2
44.5	42.7	320	1-5353652-2
59.5	57.7	440	3-5353652-6
H	F	POS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.25 1 PLC ± 0.15 2 PLC ± 0.10 3 PLC ± 0.05 4 PLC ± 0.0250 ANGLES $\pm 3'$	DWN CHK APVD PRODUCT SPEC APPLICATION SPEC WEIGHT	NAME HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP	SIZE A3	CAGE CODE 00779	DRAWING NO C=5353652	RESTRICTED TO
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 4:1	SHEET 7 OF 9	REV D		

TE Connectivity Ltd.

4

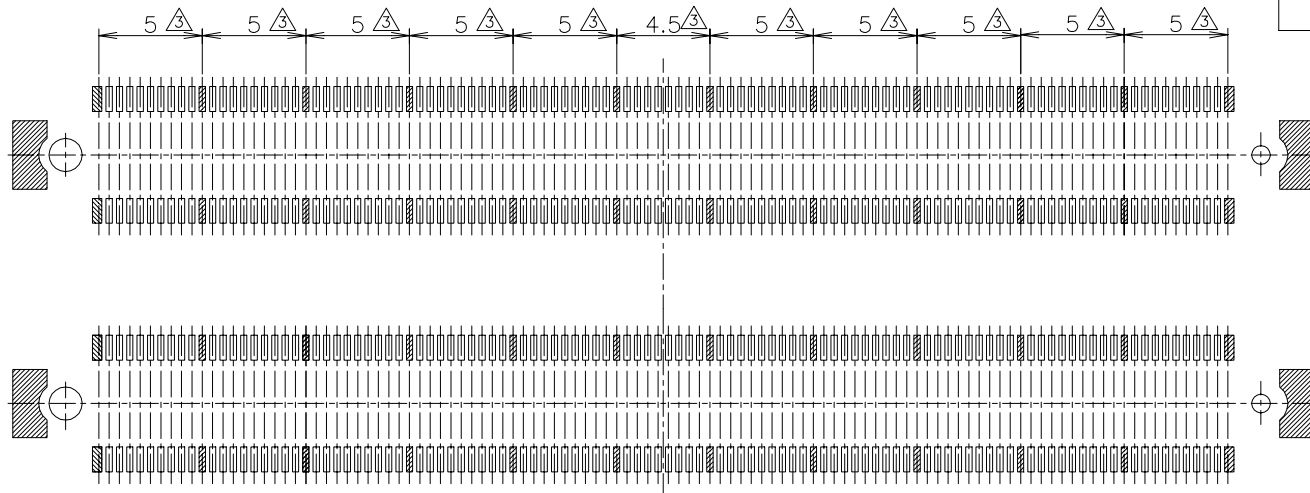
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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



440P



320P

P.C. BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN _____		TE Connectivity Ltd.	
		CHK _____			
		APVD _____			
		PRODUCT SPEC _____			
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± 0.25		HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP	
		1 PLC ± 0.15			
		2 PLC ± 0.10			
		3 PLC ± 0.05			
4 PLC ANGLES ± 0.025		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL		FINISH		A3 00779 C=5353652	
				CUSTOMER DRAWING	
				SCALE 4:1 SHEET 8 OF 9 REV D	

4

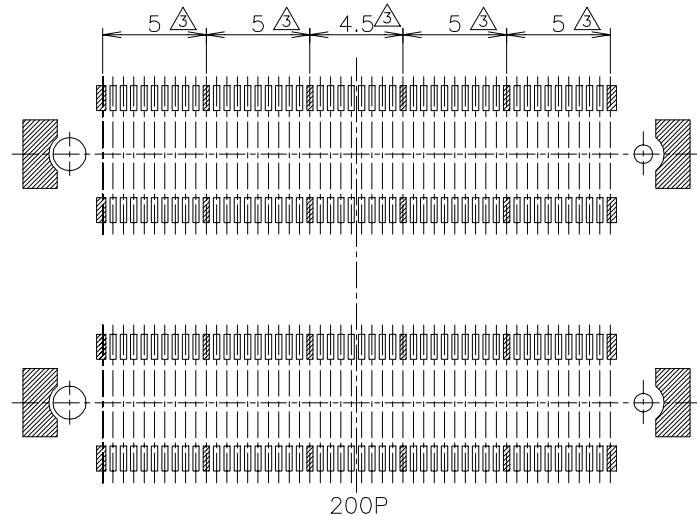
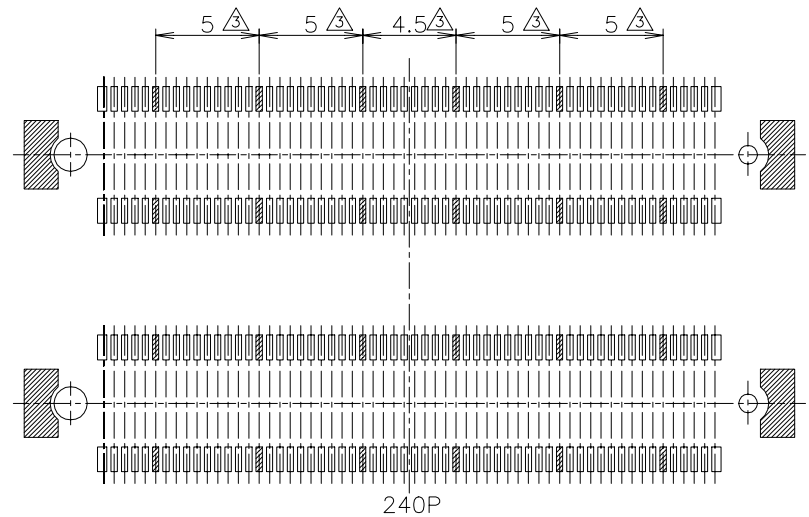
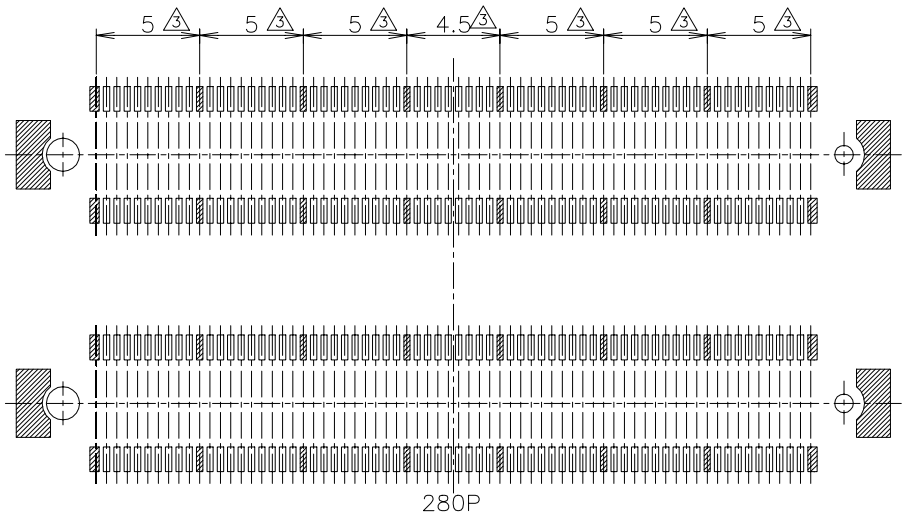
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	_____	 TE Connectivity Ltd.	NAME HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP						
CHK	_____								
APVD	_____								
PRODUCT SPEC	_____								
APPLICATION SPEC	_____	SIZE	A3	CAGE CODE	00779	DRAWING NO	C=5353652	RESTRICTED TO	_____
WEIGHT	_____	CUSTOMER DRAWING		SCALE	4:1	SHEET	9 of 9	REV	D

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
MM	
0 PLC	± 0.25
1 PLC	± 0.15
2 PLC	± 0.10
3 PLC	± 0.05
4 PLC	± 0.0250
ANGLES	± 3'

MATERIAL _____ FINISH _____