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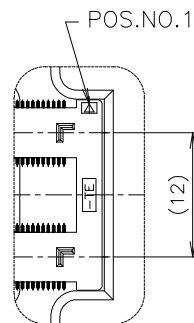
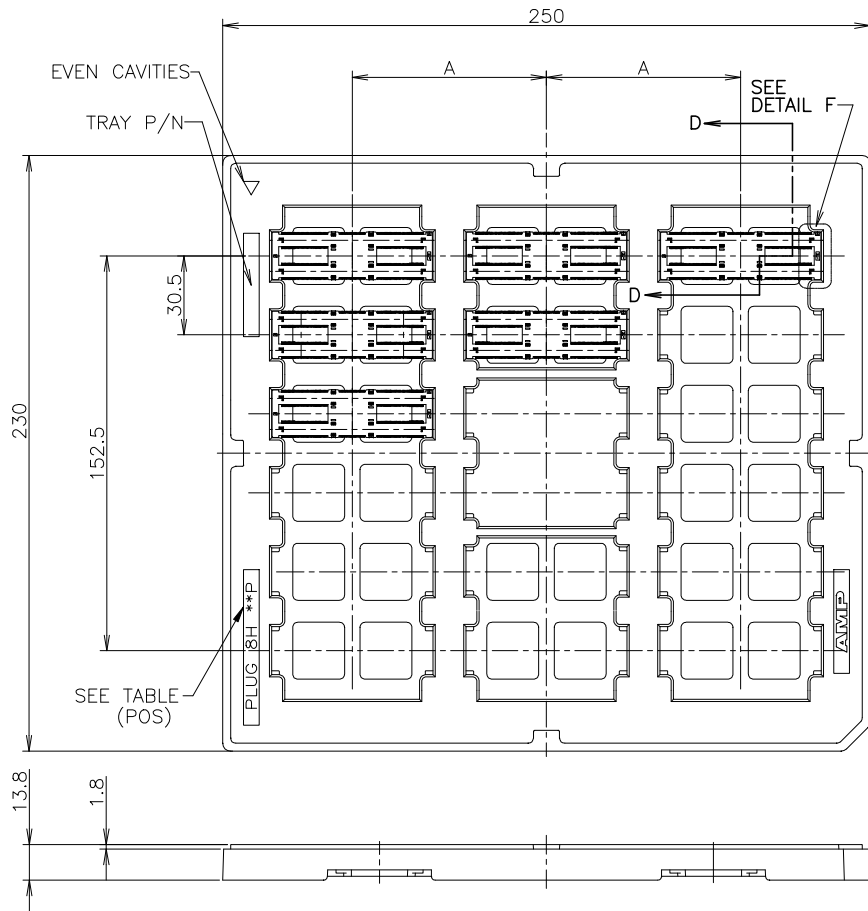
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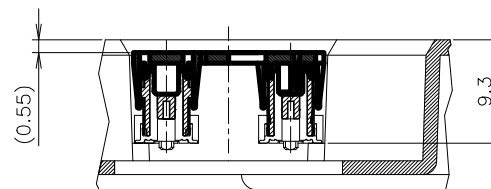
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
C6		REVISED PER ECR-19-013492 (ADD NEW P/N)	28AUG2019	AL	HL
C4		REVISED PER ECO-17-011306	28AUG2017	RL	SY
C5		REVISED PER ECO-17-018063	27NOV2017	RL	HL

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



DETAIL F (SCALE 2:1)



SECT. D-D (SCALE 2:1) ROTATED 90° CW

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

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DWN S.CH IEN 18MAY05	TE Connectivity 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	NAME				
MATERIAL	FINISH	SIZE A3	CAGE CODE 00779	DRAWING NO G=5353652	RESTRICTED TO
CUSTOMER DRAWING		SCALE 1:2	SHEET 1 OF 9	REV C6	

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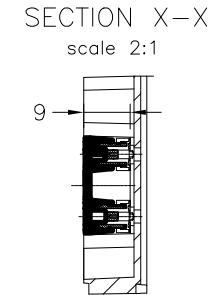
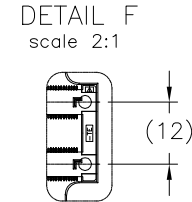
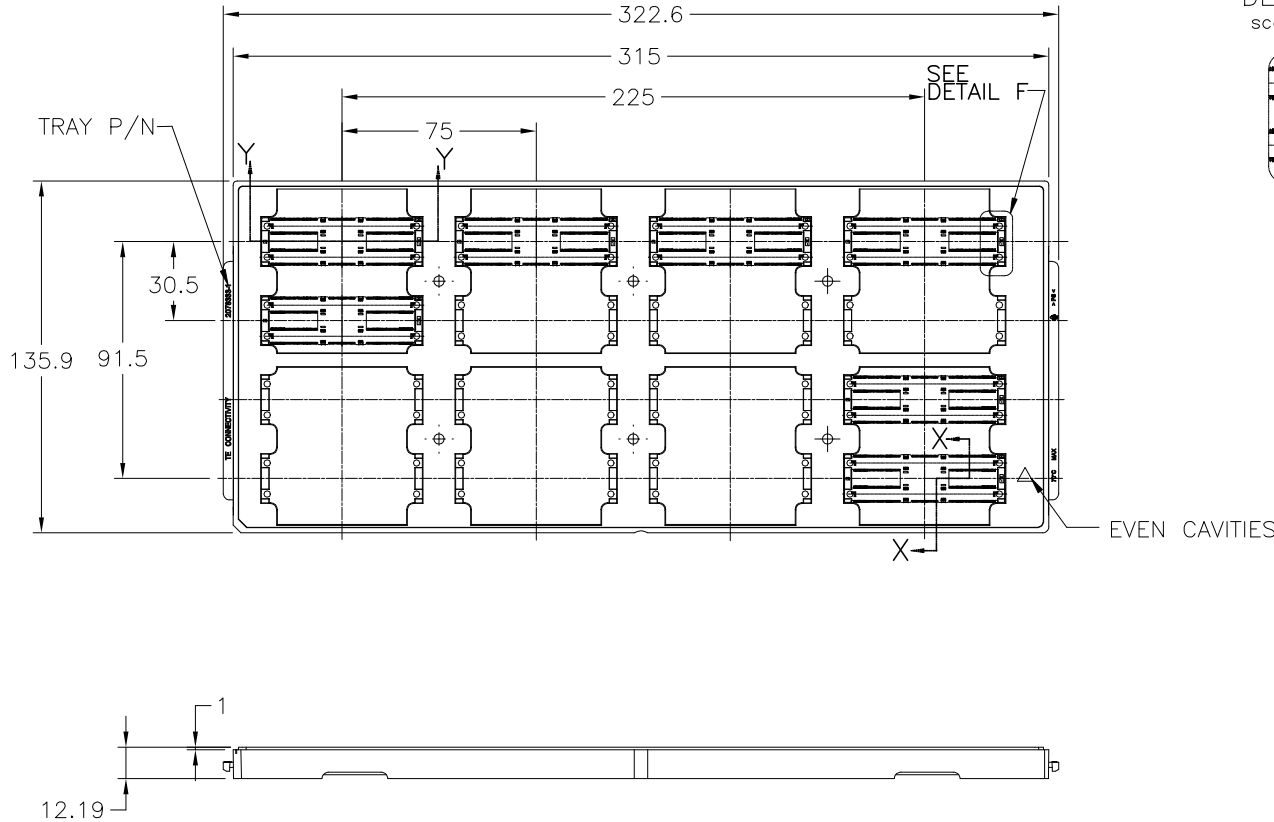
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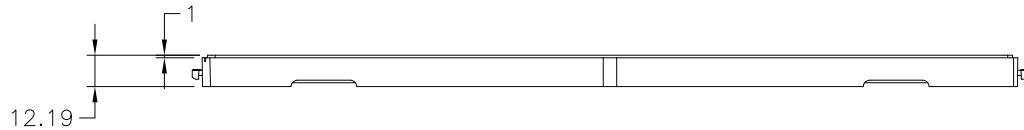
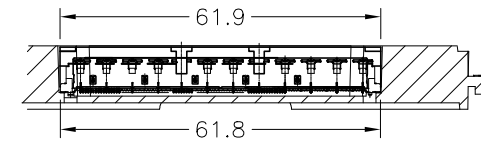
REVISIONS

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

3-5353652-7 PACKAGE : AS SHOWN



SECTION Y-Y scale 2:1



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.

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DIMENSIONS: MM 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3°	DWN CHK APVD PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING							
		NAME HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP		RESTRICTED TO					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	SCALE	SHEET	REV
				A3	00779	G=5353652	4:1	2 OF 9	C6

4

3

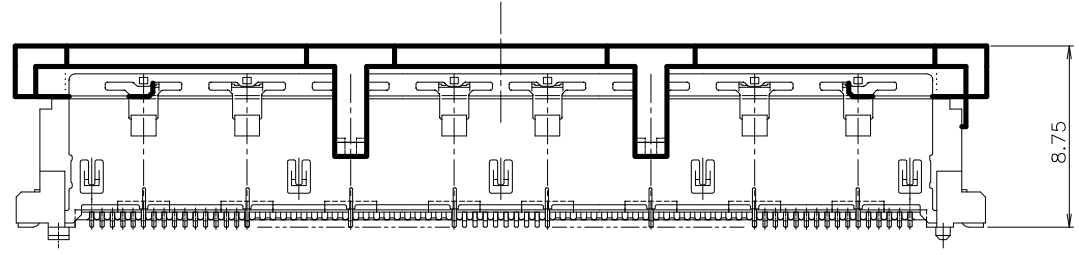
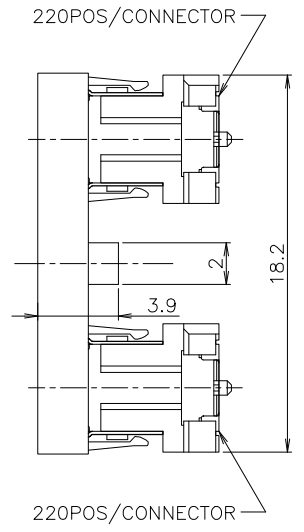
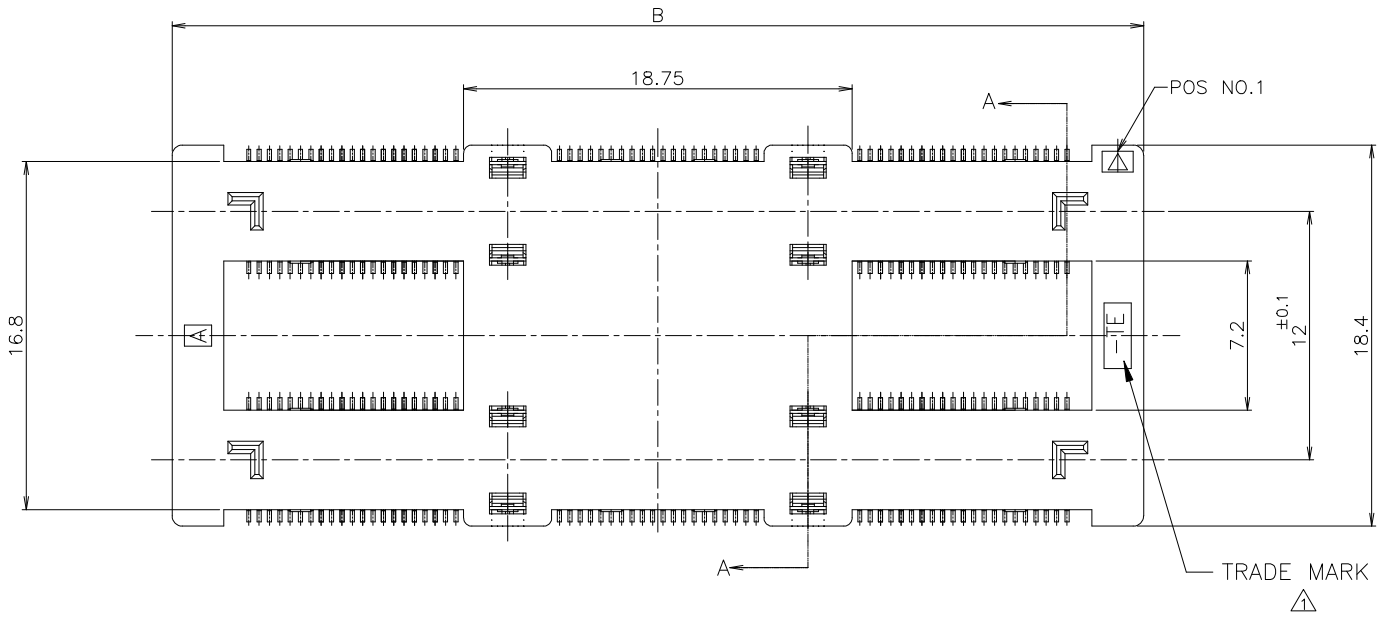
2

1

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

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



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
 1 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 ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3°	DWN CHK APVD PRODUCT SPEC APPLICATION SPEC WEIGHT	TE Connectivity NAME HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP	
MATERIAL	FINISH	CUSTOMER DRAWING	SIZE A3	CAGE CODE 00779
		DRAWING NO C=5353652		RESTRICTED TO
		SCALE 4:1	SHEET 3 OF 9	REV C6

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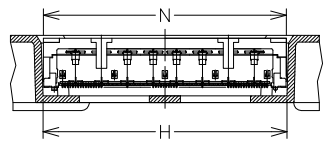
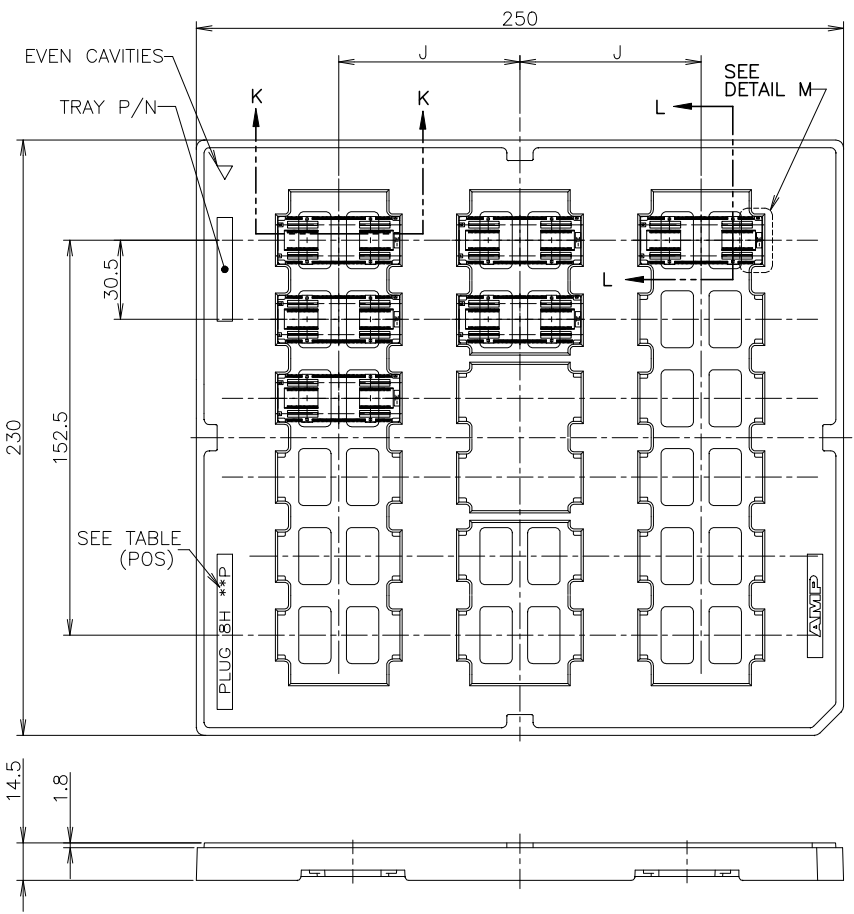
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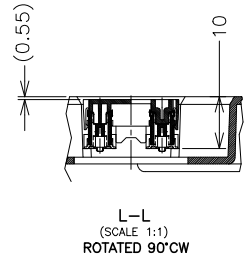
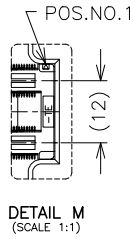
REVISIONS

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

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



SEALANT	TOOLING STATUS	ROW	QTY	J	H	N	POS.	TRAY P/N	ON CAP CONN P/N	PART NO.		
SEALANT (SIF-200B)	NOT AVAILABLE	3	18	↑	66.8	66.9	480	.	6-5353620-7	6-5353652-7		
	↑	↑	↑	↑	61.8	61.9	440	.	6-↑-6	6-↑-6		
	↓	↓	↓	75	56.8	56.9	400	.	6-↓-5	6-↓-5		
	↓	↓	↓	70	51.8	51.9	360	.	6-↓-4	6-↓-4		
	NOT AVAILABLE	5	30	↑	49.3	49.4	340	.	6-5353620-3	6-5353652-3		
	AVAILABLE	5	30	↑	46.8	46.9	320	7-912066-6	6-5353620-2	6-5353652-2		
	NOT AVAILABLE	5	30	↓	44.3	44.4	300	.	6-5353620-1	6-5353652-1		
	↑	↑	↑	41.8	41.9	280	.	6-↑-0	6-↑-0			
	↓	↓	↓	3	36.8	36.9	240	.	5-↓-9	5-↓-9		
	↓	↓	↓	5	30	43	31.8	31.9	200	.	5-↓-8	5-↓-8
NON SEALANT	↑	↑	↑	↑	29.3	29.4	180	.	5-↑-7	5-↑-7		
	↓	↓	↓	↑	26.8	26.9	160	.	5-↓-6	5-↓-6		
	↓	↓	↓	↑	24.3	24.4	140	.	5-↓-5	5-↓-5		
	↓	↓	↓	↑	21.8	21.9	120	.	5-↓-4	5-↓-4		
	↓	↓	↓	↑	19.3	19.4	100	.	5-↓-3	5-↓-3		
	↓	↓	↓	↑	16.8	16.9	80	.	5-↓-2	5-↓-2		
	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		
	↑	↑	↑	↑	61.8	61.9	440	.	1-↑-6	1-↑-6		
	↓	↓	↓	75	56.8	56.9	400	.	1-↓-5	1-↓-5		
SEALANT	↓	↓	↓	70	51.8	51.9	360	.	1-↓-4	1-↓-4		
	NOT AVAILABLE	5	30	↑	49.3	49.4	340	.	1-5353620-3	1-5353652-3		
	AVAILABLE	5	30	↑	46.8	46.9	320	7-912066-6	1-5353620-2	1-5353652-2		
	NOT AVAILABLE	5	30	↓	44.3	44.4	300	.	1-5353620-1	1-5353652-1		
	↑	↑	↑	41.8	41.9	280	.	1-↑-0	1-↑-0			
	↓	↓	↓	3	36.8	36.9	240	.	↓-9	↓-9		
	↓	↓	↓	5	30	43	31.8	31.9	200	.	↓-8	↓-8
	↑	↑	↑	↑	29.3	29.4	180	.	↓-7	↓-7		
	↓	↓	↓	↑	26.8	26.9	160	.	↓-6	↓-6		
	↓	↓	↓	↑	24.3	24.4	140	.	↓-5	↓-5		
↓	↓	↓	↑	21.8	21.9	120	.	↓-4	↓-4			
↓	↓	↓	↑	19.3	19.4	100	.	↓-3	↓-3			
↓	↓	↓	↑	16.8	16.9	80	.	↓-2	↓-2			



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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3'
MATERIAL	FINISH

DWN
CHK
APVD
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

TE TE Connectivity

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: /

SCALE: 1:2 SHEET: 4 OF 9 REV: C6

4

3

2

1

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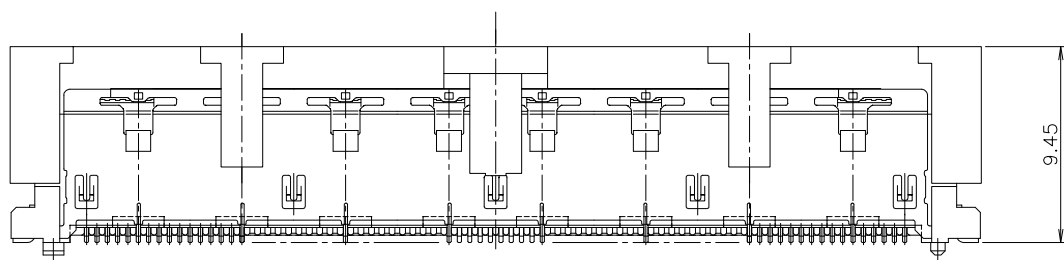
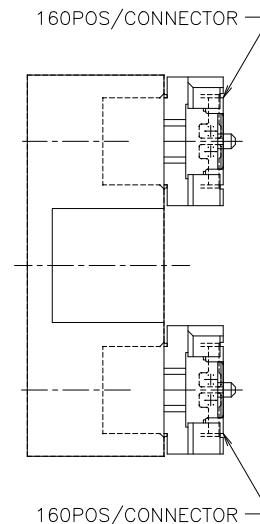
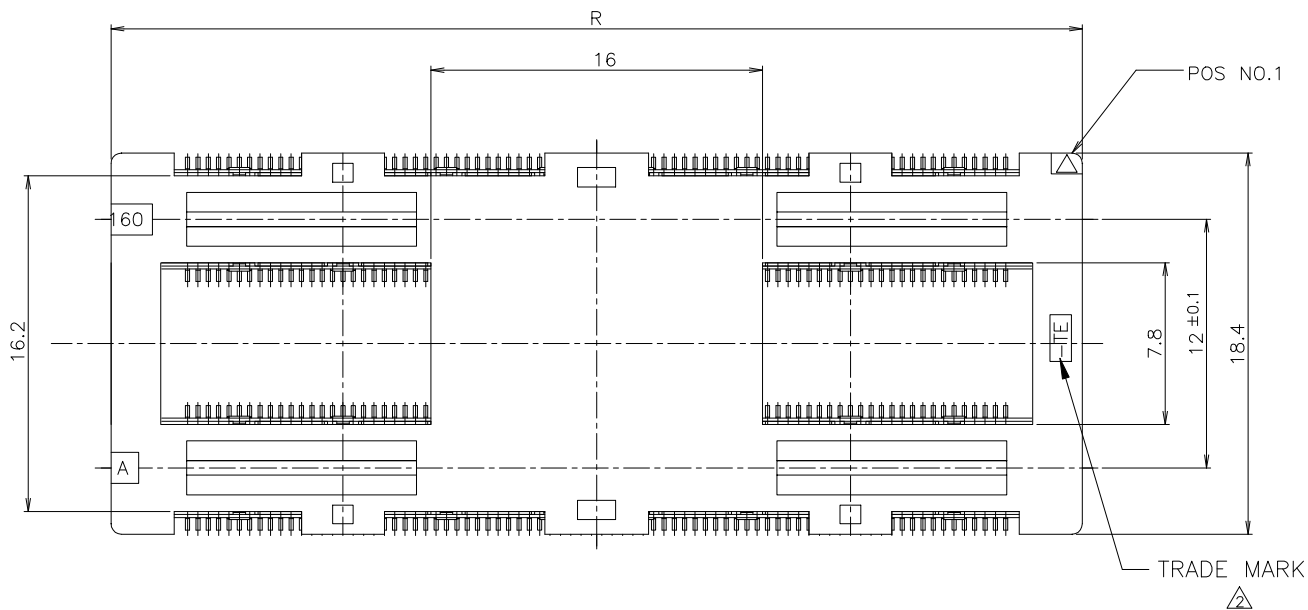
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REVISIONS

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 ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3'	DWN	TE TE Connectivity		
	MATERIAL	FINISH			
MATERIAL		FINISH	SIZE	CAGE CODE	DRAWING NO
MATERIAL		FINISH	A3	00779	C=5353652
MATERIAL		FINISH	CUSTOMER DRAWING		RESTRICTED TO
MATERIAL		FINISH	SCALE	SHEET	REV
MATERIAL		FINISH	4:1	5 OF 9	C6

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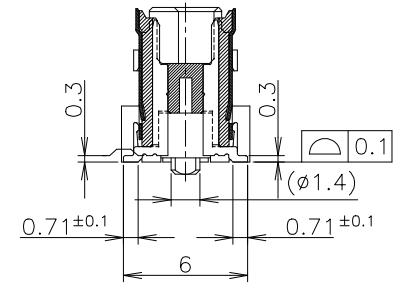
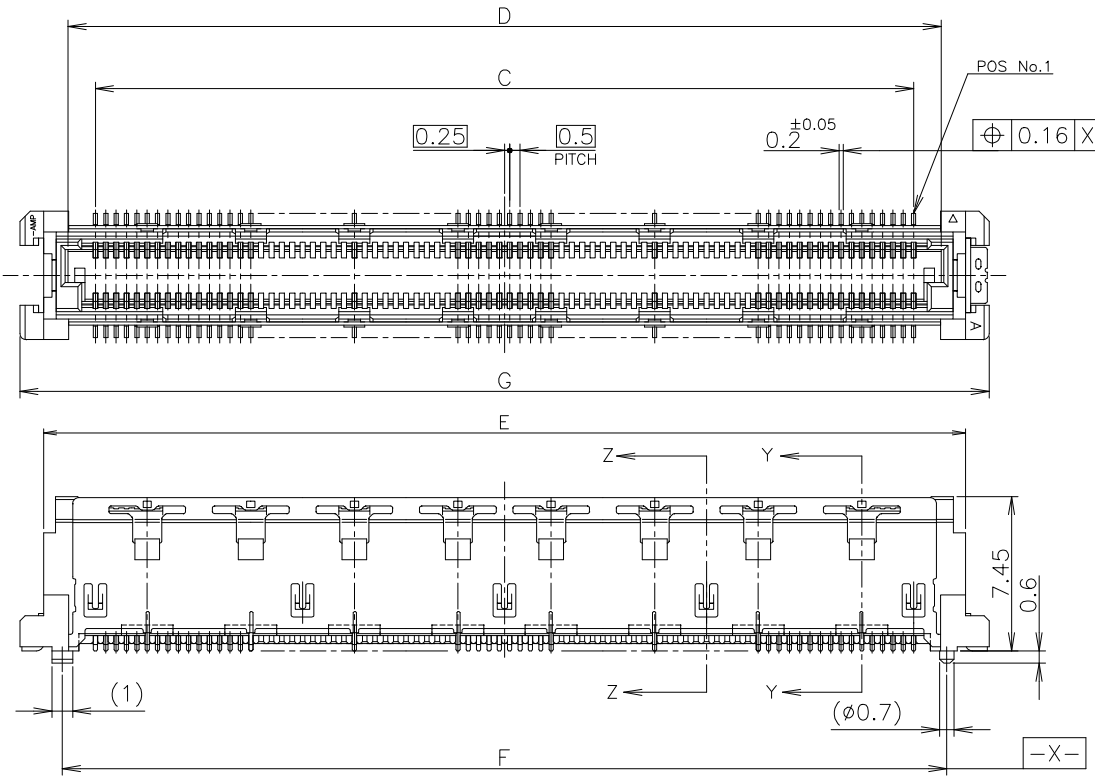
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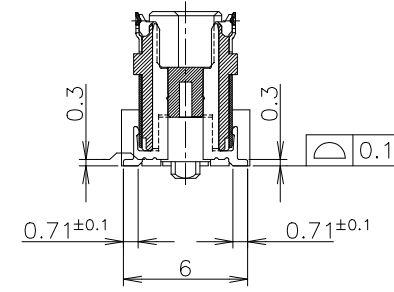
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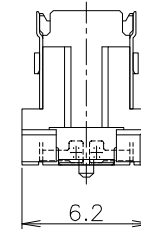
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



SECT. Z-Z (SIGNAL POSITION)



SECT. Y-Y (GROUND POSITION)



- 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.

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DWN: _____
CHK: _____
APVD: _____
PRODUCT SPEC: _____
APPLICATION SPEC: _____
WEIGHT: _____
CUSTOMER DRAWING

TE TE Connectivity

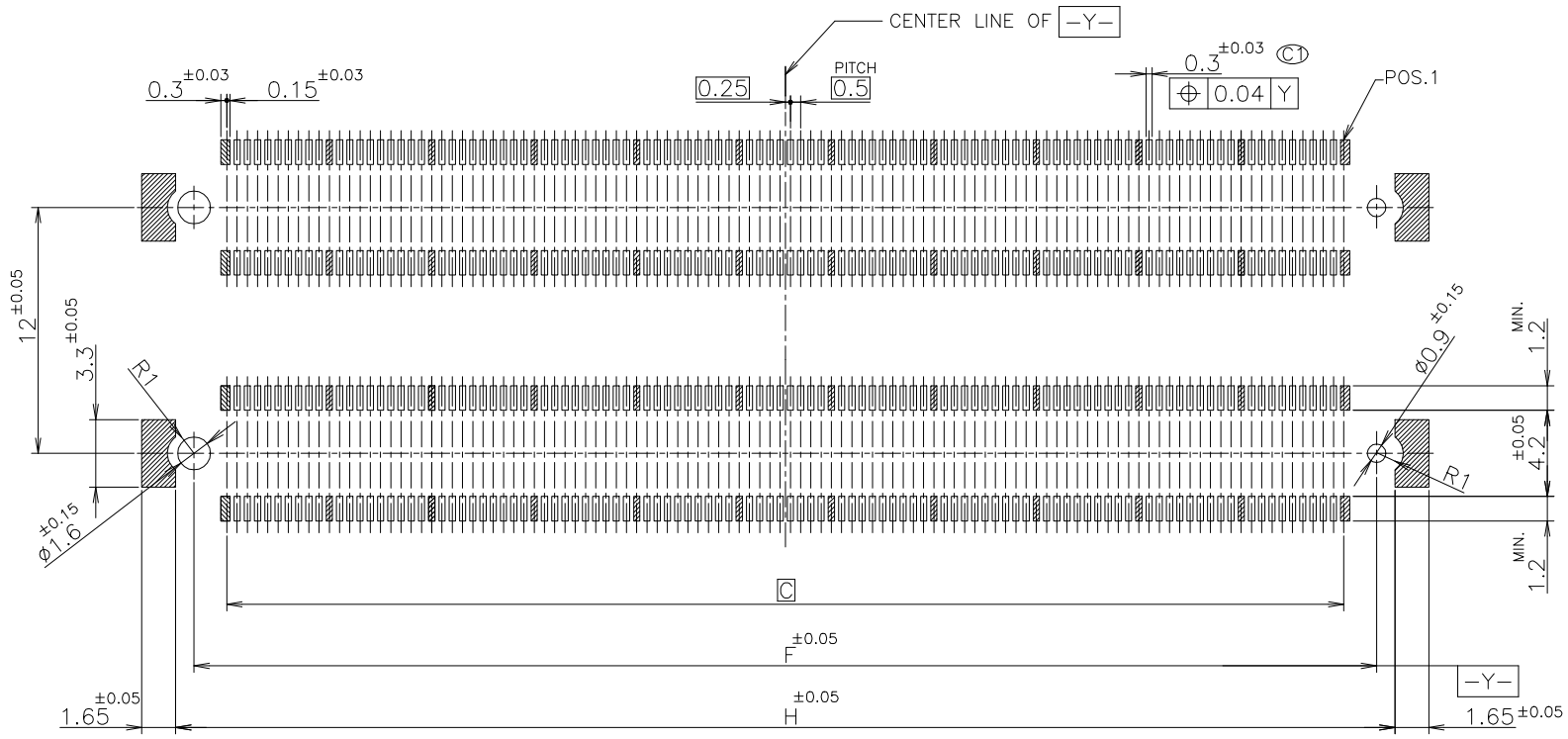
NAME: HARD TRAY ASSY
FH 0.5BTB CONNECTOR
PLUG 8H W/G-PLATE ON 2ROW CAP

SIZE: A3 CAGE CODE: 00779 DRAWING NO: G=5353652 RESTRICTED TO: _____

SCALE: 4:1 SHEET: 6 OF 9 REV: C6

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REVISIONS				
P	LTR	DESCRIPTION	DATE	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.		DWN	TE Connectivity HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP		
DIMENSIONS: MM		CHK			NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD			PRODUCT SPEC
0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3°		APPLICATION SPEC			WEIGHT
MATERIAL	FINISH	CUSTOMER DRAWING	SIZE: A3 CAGE CODE: 00779 DRAWING NO: C=5353652	RESTRICTED TO	
		SCALE: 4:1	SHEET: 7 OF 9	REV: C6	

4

3

2

1

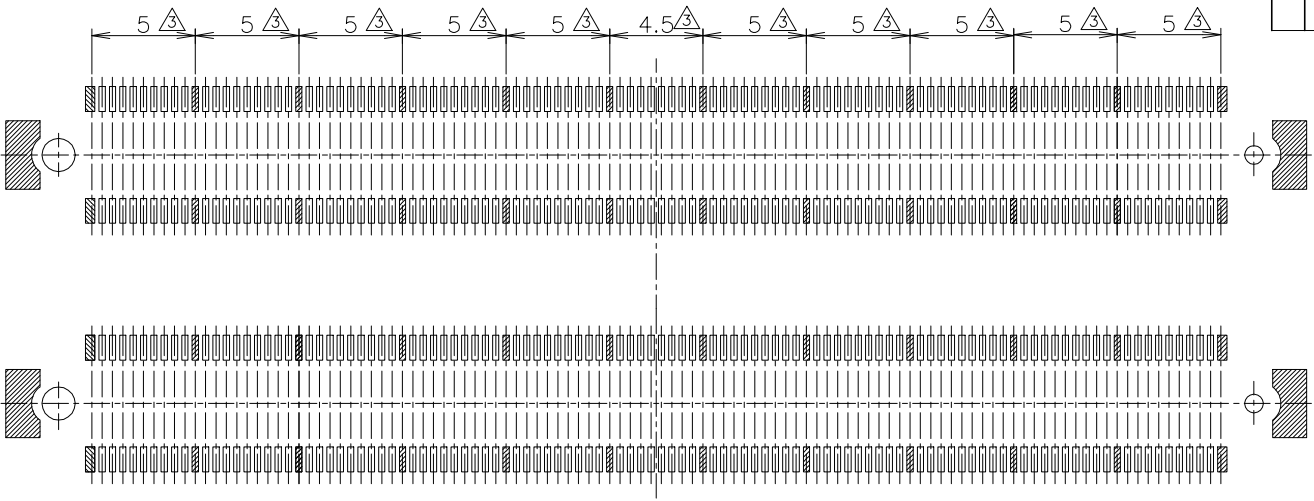
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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

D

D

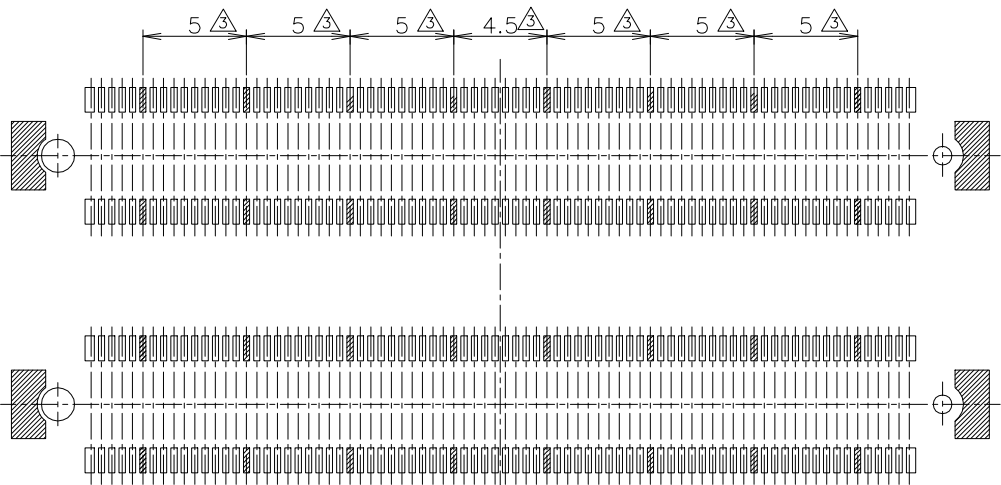


C

C

B

B



A

A

P.C. BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		
		CHK		
DIMENSIONS: MM		APVD	NAME	
		PRODUCT SPEC	HARD TRAY ASSY	
		APPLICATION SPEC	FH 0.5BTB CONNECTOR	
MATERIAL		WEIGHT	SIZE	RESTRICTED TO
FINISH		CUSTOMER DRAWING	A3 00779	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWING NO		
0 PLC ± 0.3		C=5353652		
1 PLC ± 0.3		SCALE	SHEET	REV
2 PLC ± 0.3		4:1	8 OF 9	C6
3 PLC ± 0.3				
4 PLC ± 0.3				
ANGLES ± 3'				

4

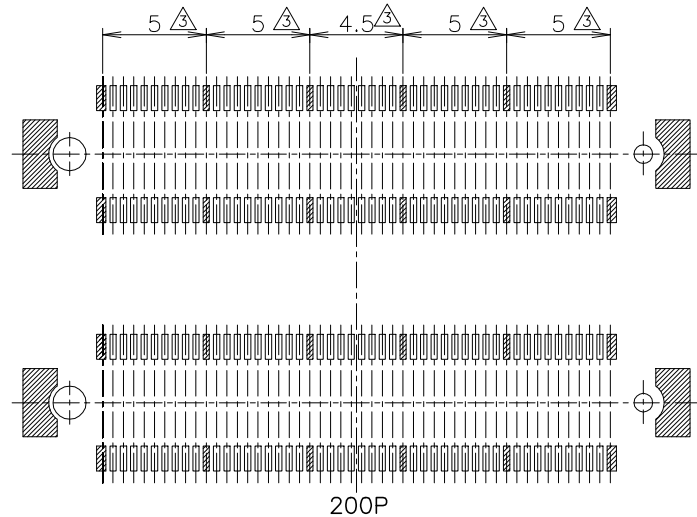
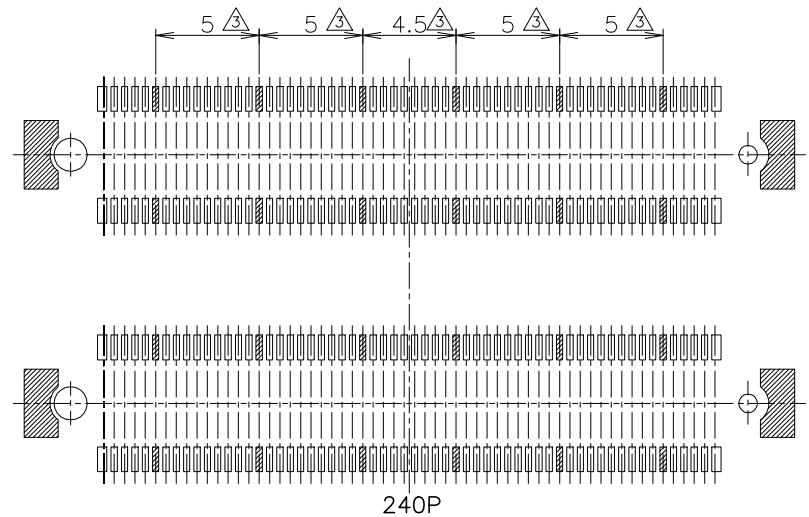
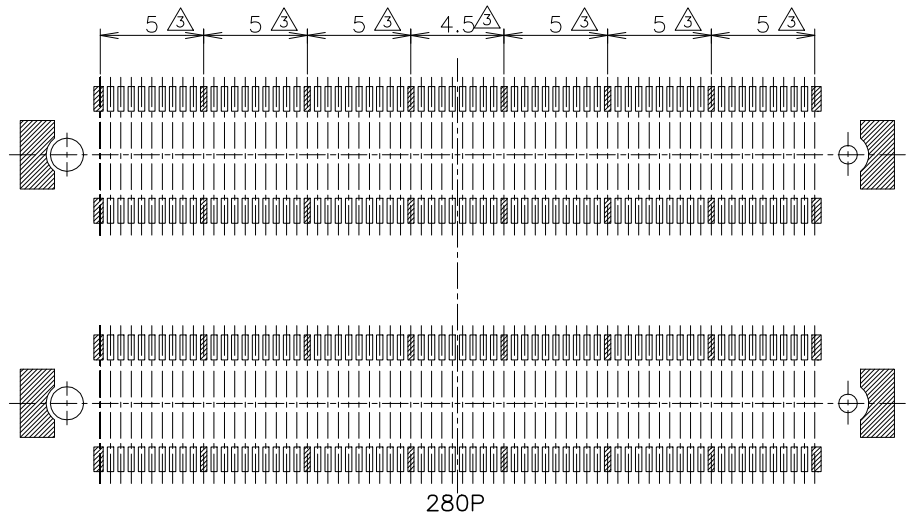
3

2

1

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN			
		CHK			
		APVD			
		PRODUCT SPEC			
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± 0.3		HARD TRAY ASSY FH 0.5BTB CONNECTOR PLUG 8H W/G-PLATE ON 2ROW CAP	
		1 PLC ± 0.3			
		2 PLC ± 0.3			
		3 PLC ± 0.3			
		4 PLC ± 0.3		SIZE	
		ANGLES ± 3°		CAGE CODE	
MATERIAL		FINISH		DRAWING NO	
				A3 00779 C=5353652	
				RESTRICTED TO	
				CUSTOMER DRAWING	
				SCALE 4:1 SHEET 9 OF 9 REV C6	