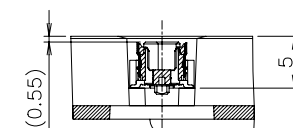
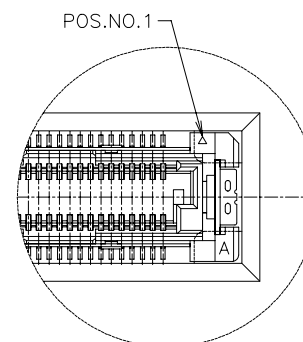
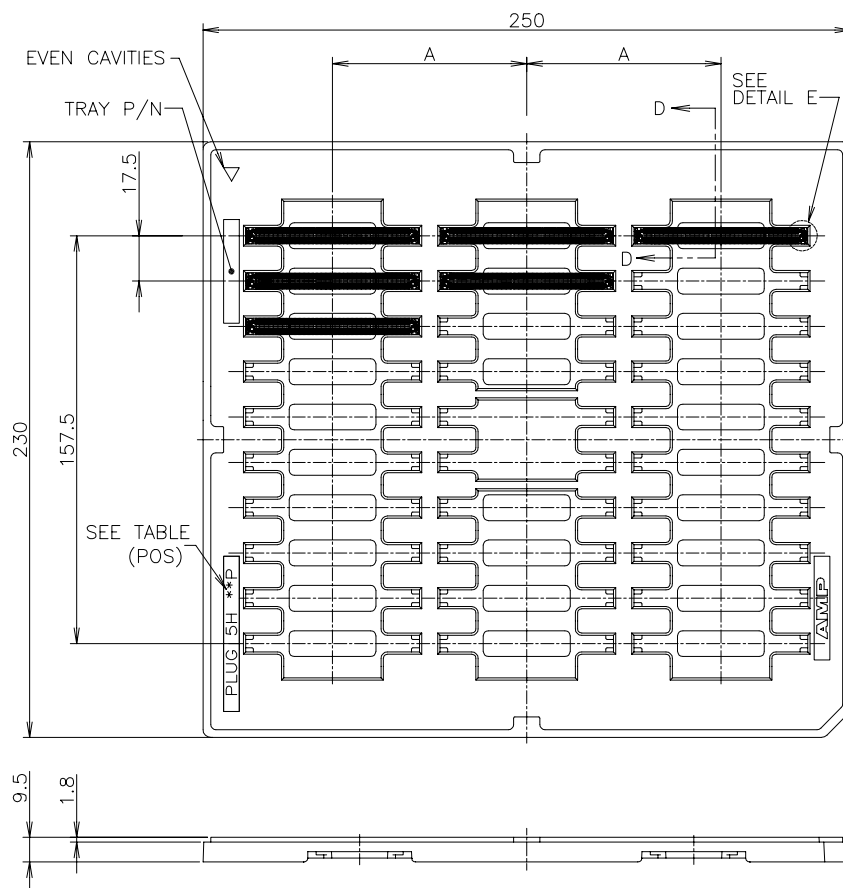


REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D2	ECN-21-114380:ADD MATED CONDITION	31AUG2021	A.L	H.L



WITHOUT  
CAP

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.CHIEH 18MAY05	TE Connectivity Ltd.	
DIMENSIONS: MM		CHK T.FUTATSUGI 18MAY05	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.KODAMA 18MAY05	PRODUCT SPEC	
0 PLC ± 0.25		108-5560		
1 PLC ± 0.15		APPLICATION SPEC		
2 PLC ± 0.10		WEIGHT		
3 PLC ± 0.05		A3 00779 C=1827253		
4 PLC ± 0.0250		CUSTOMER DRAWING		
ANGLES ± 3°		SCALE 1:2 SHEET 1 OF 5 REV D2		
MATERIAL		FINISH		

△	NO	3	30	75	220	9-1827253-6
△	NO	3	30	75	220	3-1827253-6
FINISH	SEALANT	ROW	QTY	A	POS.	PART NO.

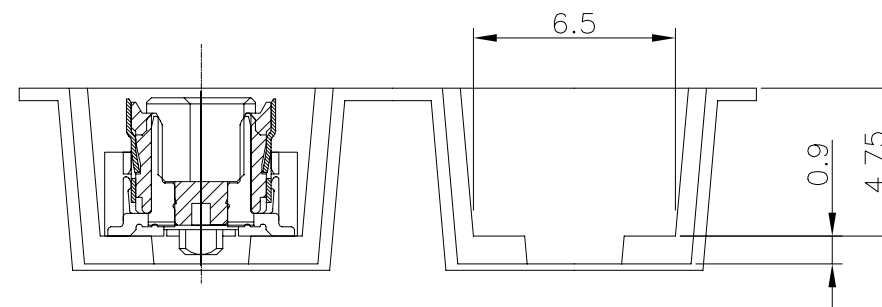
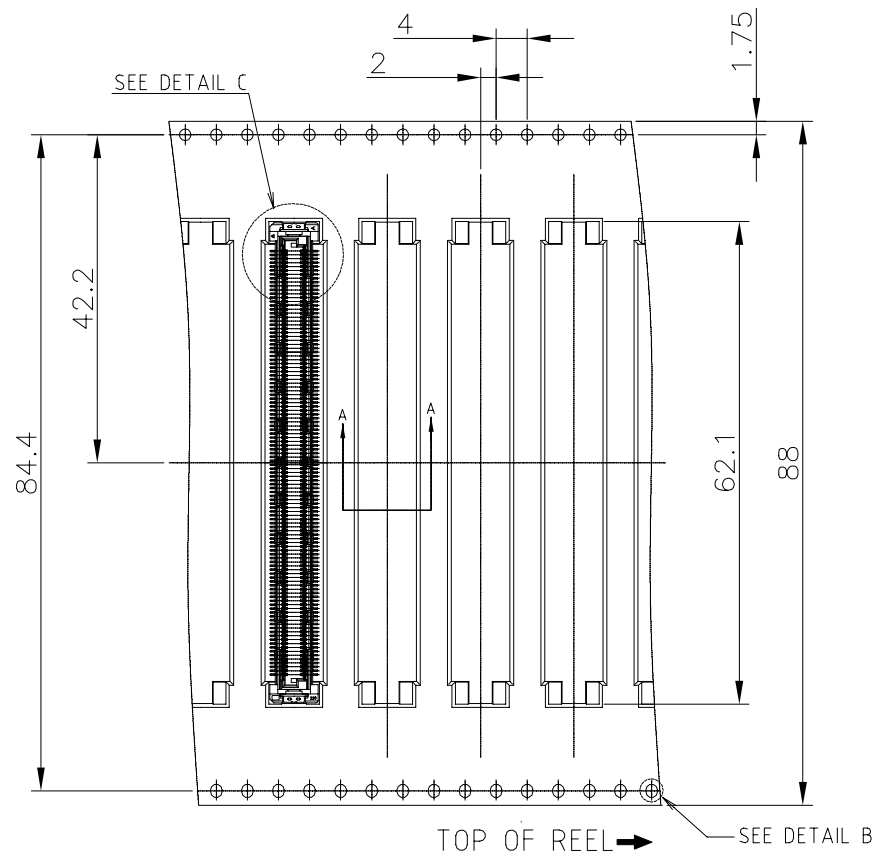
**TE** TE Connectivity Ltd.

HARD TRAY PACKAGING  
FH 0.5 BTB CONNECTOR 220POS  
PLUG 5H WITH GROUND PLATE

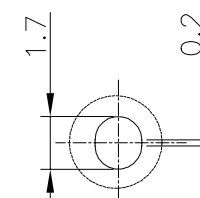
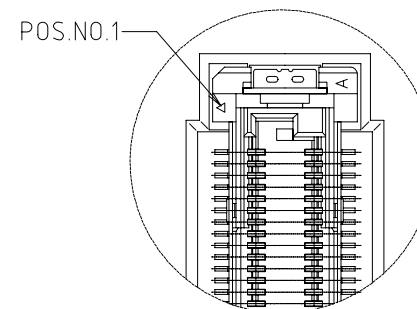
RESTRICTED TO

REVISIONS

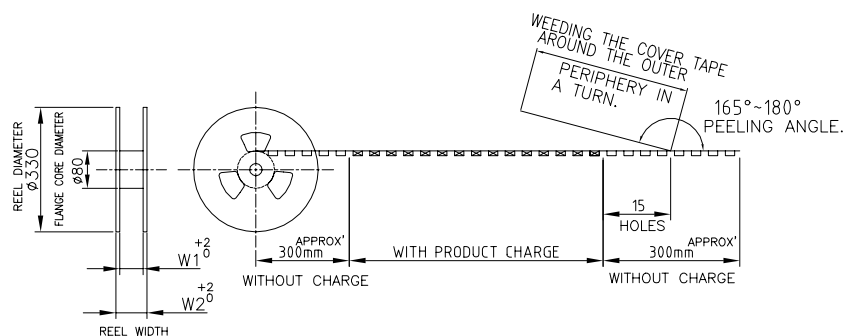
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



SECTION A-A  
SCALE 4:1



DETAIL C  
(SCALE 4:1)

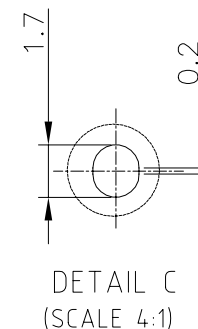
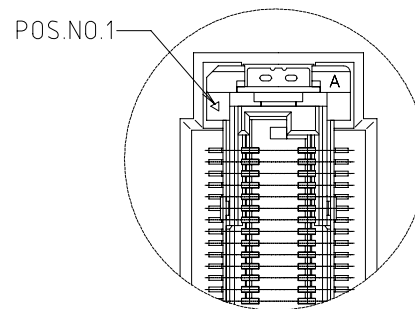
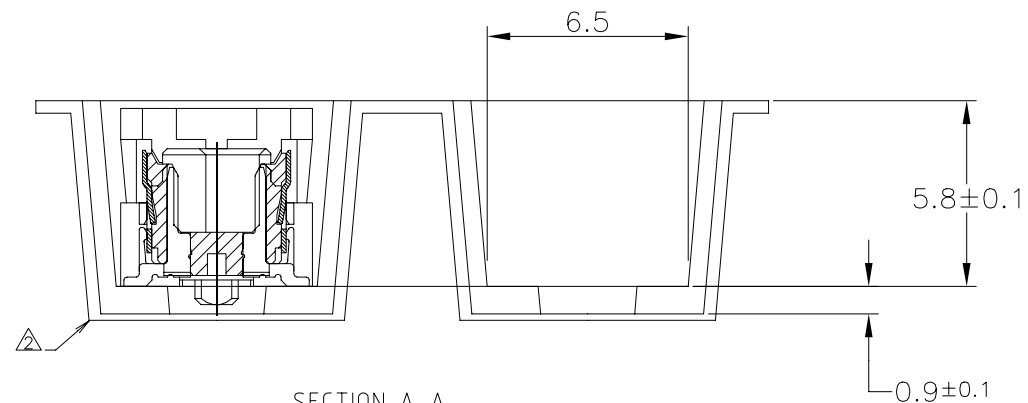
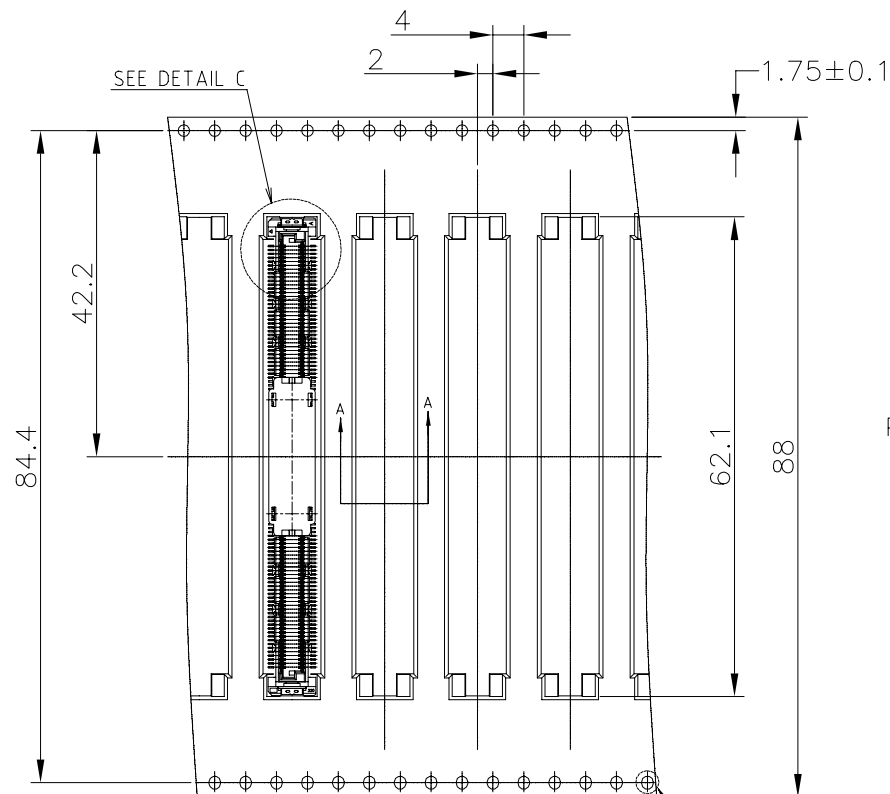


WITHOUT  
CAP

△	NO	93.5	89.5	800	220	9-1827253-7
△	NO	93.5	89.5	800	220	4-1827253-6
FINISH	SEALANT SIF-200B	W2	W1	QTY/ REEL	POS	TAPING P/N

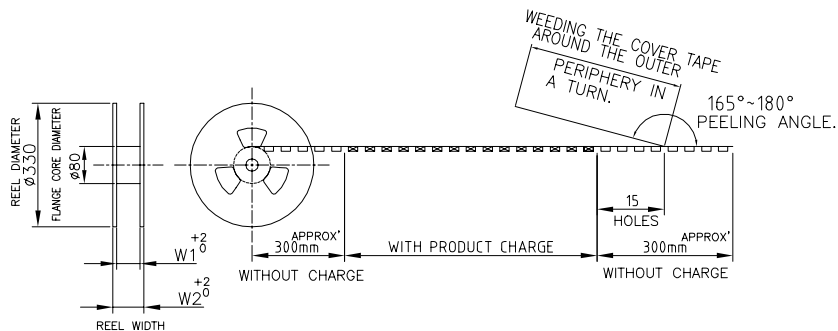
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.CHIEEN 18MAY05	TE Connectivity Ltd.			
		CHK T.FUTATSUGI 18MAY05				
		APVD W.KODAMA 18MAY05				
		PRODUCT SPEC				
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
		0 PLC ± 0.25		ON TAPING EMBOSS		
		1 PLC ± 0.15		FH 0.5 BTB CONNECTOR 220POS		
		2 PLC ± 0.10		PLUG 5H WITH GROUND PLATE		
		3 PLC ± 0.05				
		4 PLC ± 0.0250		SIZE CAGE CODE DRAWING NO		
		ANGLES ± 3°		A3 00779 C=1827253		
MATERIAL		FINISH		RESTRICTED TO		
				—		
CUSTOMER DRAWING				SCALE 1:2		SHEET 2 OF 5
						REV D2


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



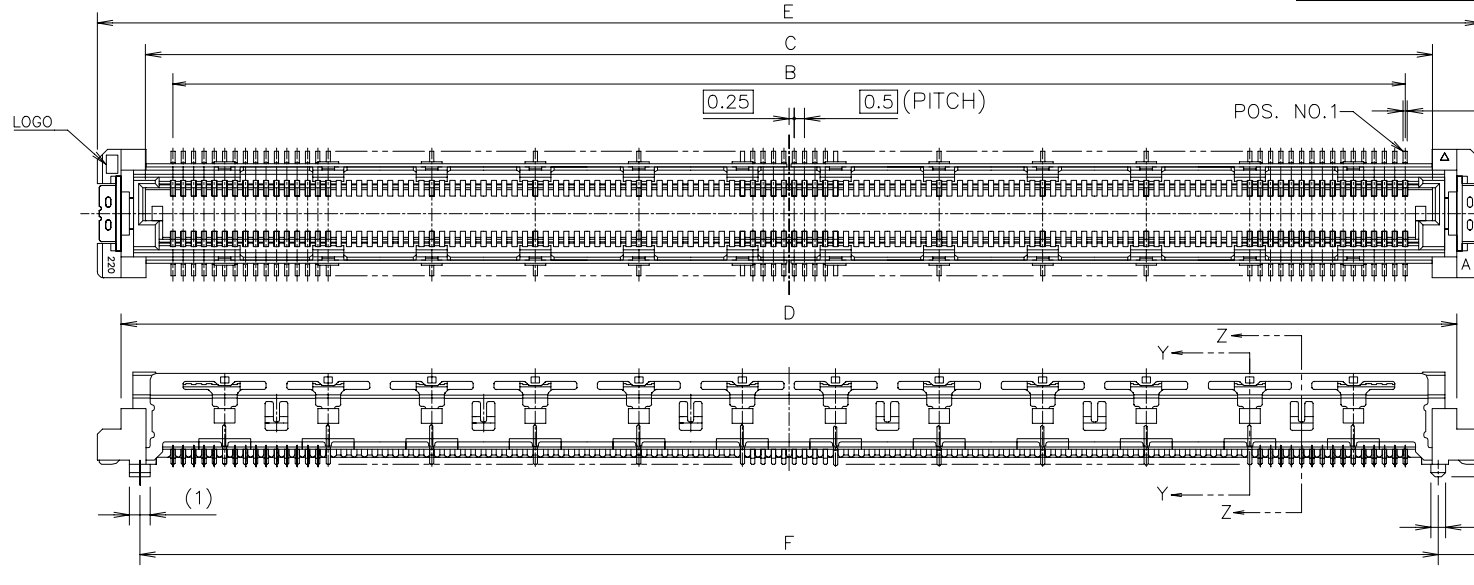
WITH  
CAP

△	BLACK	NO	93.5	89.5	700	220	9-1827253-9
△	NATURE	NO	93.5	89.5	700	220	9-1827253-8
△	NATURE	NO	93.5	89.5	700	220	4-1827253-8
FINISH	CAP COLOR	SEALANT SIF-200B	W2	W1	QTY/ REEL	POS	TAPING P/N

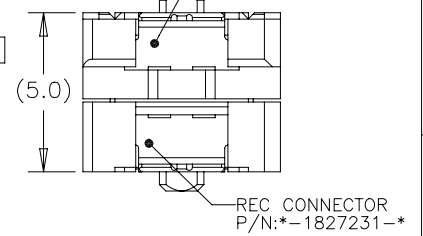


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.CHEN 18MAY05	 TE Connectivity Ltd.				
DIMENSIONS: MM		CHK T.FUTATSUGI 18MAY05					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.KODAMA 18MAY05					
0 PLC ± 0.25		PRODUCT SPEC					
1 PLC ± 0.15		APPLICATION SPEC	NAME				
2 PLC ± 0.10		WEIGHT	ON TAPING EMBOSS				
3 PLC ± 0.05		CUSTOMER DRAWING	FH 0.5 BTB CONNECTOR 220POS				
4 PLC ANGLES ± 0.0250 ± 3°		SCALE 1:2	PLUG 5H WITH GROUND PLATE				
MATERIAL		SHEET 3 OF 5	SIZE A3 CAGE CODE 00779 DRAWING NO C=1827253				
FINISH		REV D2	RESTRICTED TO				

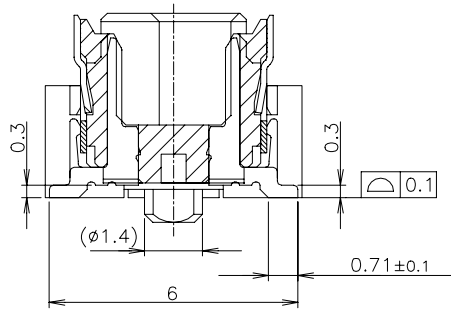
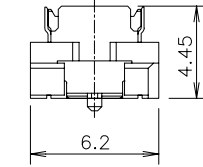
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



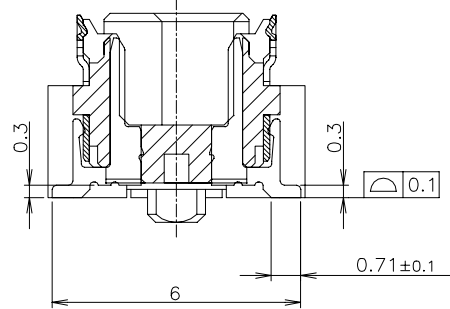
PLUG CONNECTOR  
P/N: \*-1827233-\*



FULL-MATED CONDITION



SECT. Z-Z  
(SIGNAL POSITION)  
(SCALE 8:1)

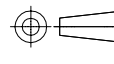


SECT. Y-Y  
(GROUND POSITION)  
(SCALE 8:1)

57.7	61.8	59.5	57.1	54.5	BLACK	220	9-1827253-9
57.7	61.8	59.5	57.1	54.5	BLACK	220	9-1827253-8
57.7	61.8	59.5	57.1	54.5	BLACK	220	9-1827253-7
57.7	61.8	59.5	57.1	54.5	BLACK	220	9-1827253-6
57.7	61.8	59.5	57.1	54.5	BLACK	220	4-1827253-8
57.7	61.8	59.5	57.1	54.5	BLACK	220	4-1827253-6
57.7	61.8	59.5	57.1	54.5	BLACK	220	3-1827253-6
F	E	D	C	B	CONN. COLOR	POS.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
MM



MATERIAL



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°

FINISH



DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity Ltd.

NAME

ASSEMBLY  
FH 0.5 BTB CONNECTOR 220POS  
PLUG 5H WITH GROUND PLATE

SIZE

CAGE CODE

DRAWING NO

A3

00779

C=1827253

RESTRICTED TO

SCALE 4:1

SHEET 4 OF 5

REV D2

4

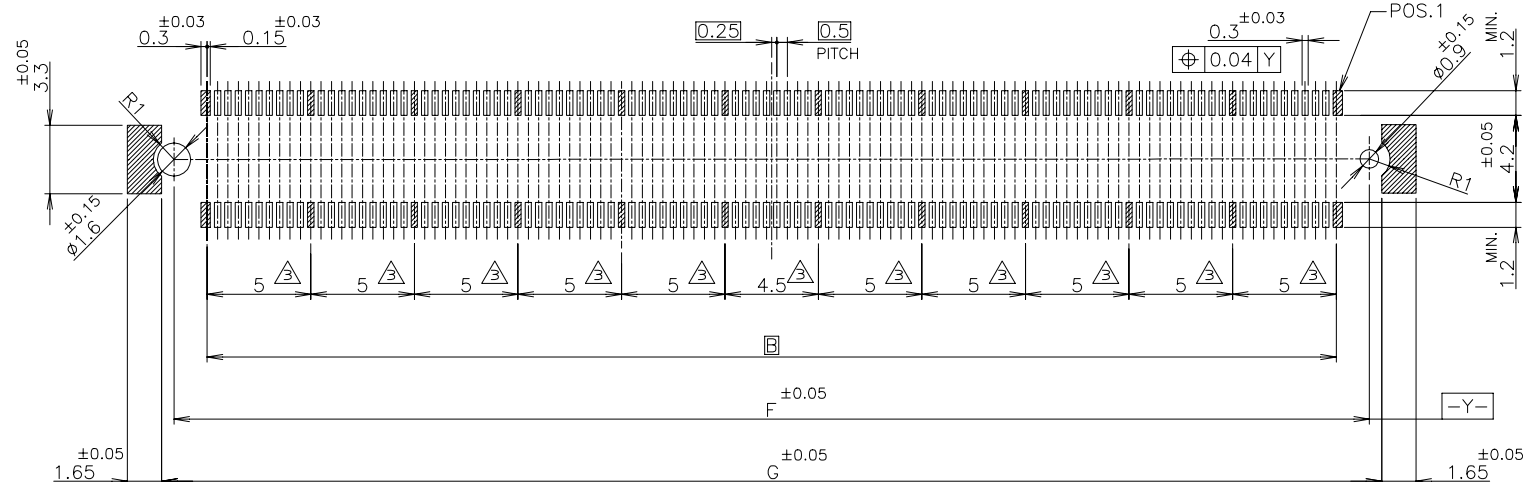
3

2

1

## REVISIONS

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



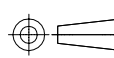
REFERENCE P.C.BOARD LAYOUT OF CONNECTOR

## NOTES

- △ MATERIAL ; HOUSING: HIGH TEMP THERMO PLASTIC UL94V-0  
CONTACT: COPPER ALLOY  
SOLDER PEG : COPPER ALLOY
- △ FINISH ; SIGNAL CONTACT : UNDER PL. Ni 0.0013mm MIN ALL OVER  
CONTACT AREA 0.0002mm MIN Au PL.  
SOLDERING AREA 0.00005mm MIN Au PL.
- GROUND CONTACT : UNDER PL. Ni 0.0013mm MIN ALL OVER  
CONTACT AREA 0.0002mm MIN Au PL.  
SOLDERING AREA 0.00005mm MIN Au
- SOLDER PEG: TIN PL. 0.0001mm MIN OVER  
UNDER PL. Ni OR COPPER 0.0013mm MIN ALL OVER
- △ THIS POSITION IS GROUND CIRCUIT.
- △ HIGH TEMPERATURE VERSION.
- △ FINISH ; SIGNAL CONTACT : UNDER PL. Ni 0.0013mm MIN ALL OVER  
CONTACT AREA 0.00076mm MIN Au PL.  
SOLDERING AREA 0.00005mm MIN Au PL.
- GROUND CONTACT : UNDER PL. Ni 0.0013mm MIN ALL OVER  
CONTACT AREA 0.00076mm MIN Au PL.  
SOLDERING AREA 0.00005mm MIN Au
- SOLDER PEG: TIN PL. 0.0001mm MIN OVER  
UNDER PL. Ni OR COPPER 0.0013mm

59.5	220	9-1827253-9
59.5	220	9-1827253-8
59.5	220	9-1827253-7
59.5	220	9-1827253-6
59.5	220	4-1827253-8
59.5	220	4-1827253-6
59.5	220	3-1827253-6
G	POS.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
MM

MATERIAL

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°

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity Ltd.

NAME

ASSEMBLY

FH 0.5 BTB CONNECTOR 220POS  
PLUG 5H WITH GROUND PLATE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1827253

SCALE 4:1

SHEET

5 OF 5

REV D2

# Mouser Electronics

Authorized Distributor

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