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RELEASED FOR PUBLICATION

2010

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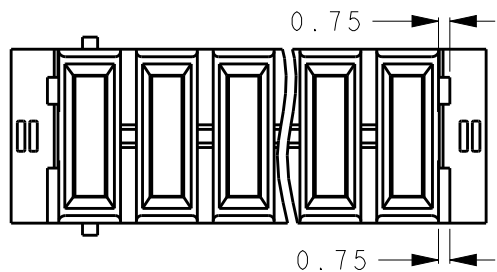
BY -

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REVISIONS

変更

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECR-15-018040	12DEC2015	T.S	E.T



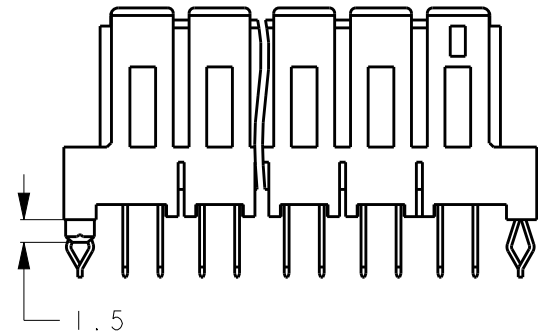
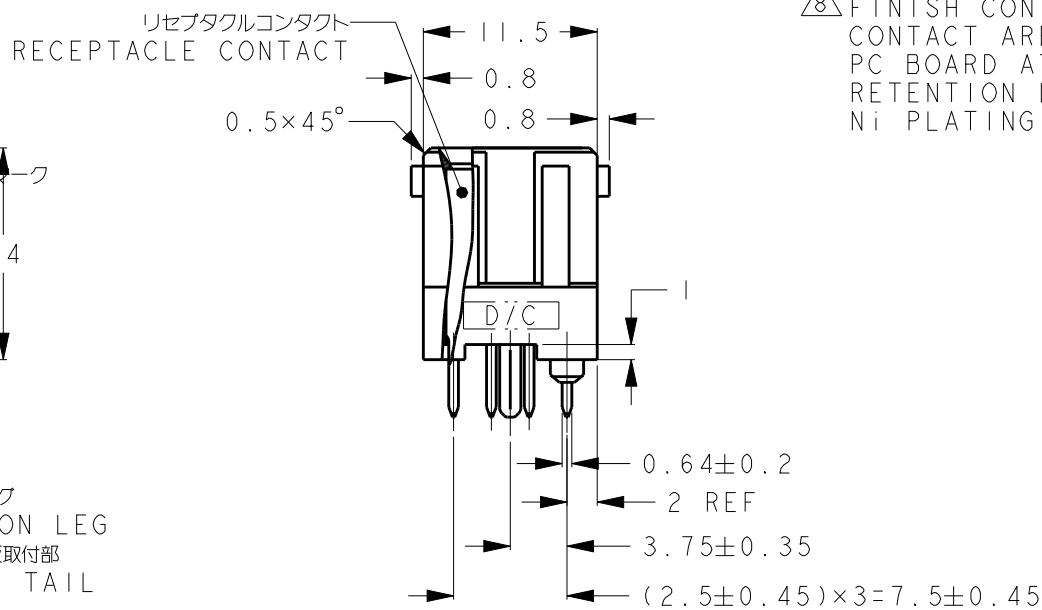
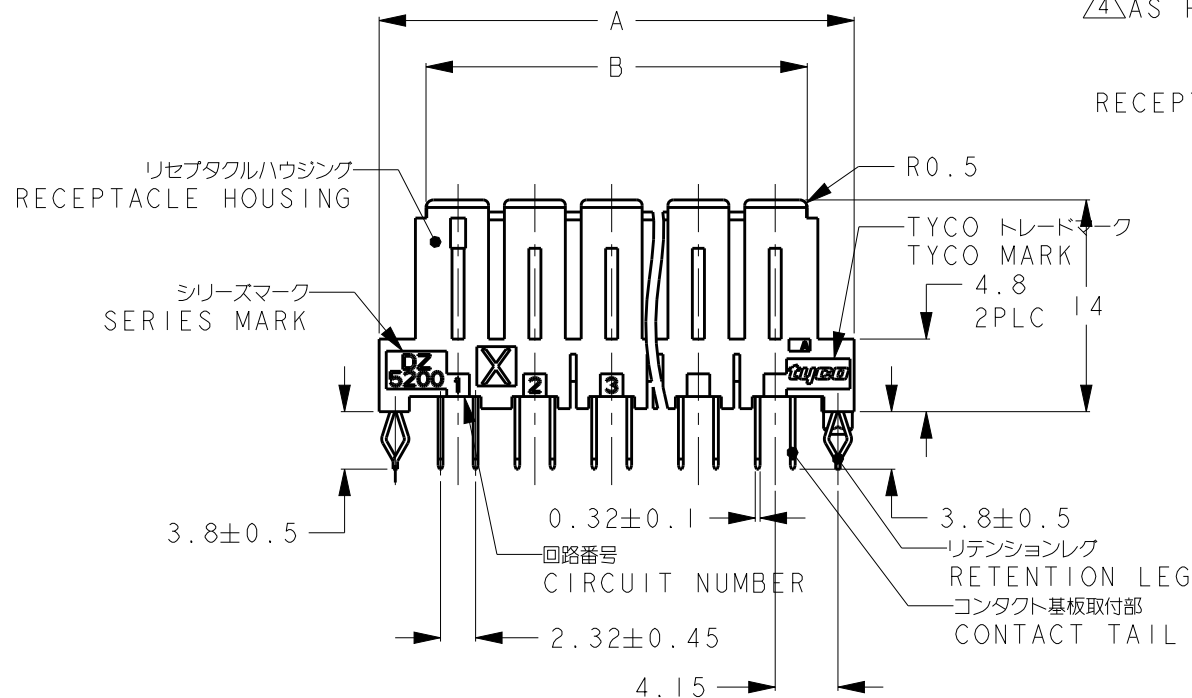
① MATERIAL HOUSING: POLYESTER OF GLASS FILLED THERMO PLASTIC (UL94V-0), COLOR: BLACK
CONTACT: COPPER ALLOY

② FINISH CONTACT UNDER: Ni PLATING ALL SURFACE 1.27μm MIN
CONTACT AREA: Au PLATING 0.2μm MIN
P.C. BOARD ATTACHMENT AREA: TIN PLATING 2μm MIN
RETENTION LEG ALL SURFACE: TIN PLATING 2μm MIN OVER Ni PLATING ALL SURFACE 1.27μm MIN

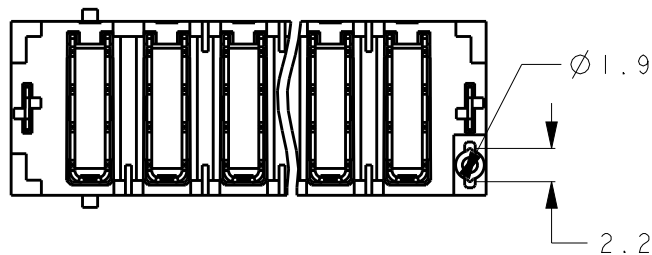
③ AS FOR 2/5/6-3 (10.16mm PITCH: 3 POS), EVEN NUMBER CIRCUITS (NO. 2 AND 4) ARE NOT EQUIPPED WITH CONTACT.

④ AS FOR 5--4 (10.16mm PITCH: 4 POS), EVEN NUMBER CIRCUITS (NO. 2, 4 AND 6) ARE NOT EQUIPPED WITH CONTACT.

⑧ FINISH CONTACT UNDER: Ni PLATING ALL SURFACE 1.27μm MIN
CONTACT AREA: Au PLATING 0.76μm MIN
PC BOARD ATTACHMENT AREA: TIN PLATING 2μm MIN
RETENTION LEG ALL SURFACE: TIN PLATING 2μm MIN OVER Ni PLATING ALL SURFACE 1.27μm MIN



⑨ FOR 2-1747147-3, SEE SHEET 4 AND 5



1554403-3	9									2-1747147-3
6-1747145-3	5.03	28.62	20.32	24.56	30.76	4	10.16	3/3	8	6-1747147-3
1-1747145-7	8.83	38.78	30.48	34.72	40.92	6	5.08	7	2	1-1747147-7
1-1747145-5	6.47	28.62	20.32	24.56	30.76	4	5.08	5	2	1-1747147-5
5-1747145-4	6.68	38.78	30.48	34.72	40.92	6	10.16	4/4	2	5-1747147-4
5-1747145-3	5.03	28.62	20.32	24.56	30.76	4	10.16	3/3	2	5-1747147-3
MATING CONNECTOR PART NUMBER	WEIGHT (g)	D	C	B	A	N	PITCH	POS	FINISH	PART NO
			DIMENSION							

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DWN K. RIKU 10FEB05

CHK D. MITSUGI 10FEB05

APVD D. MITSUGI 10FEB05

PRODUCT SPEC
製品規格
108-78186APPLICATION SPEC
取付適用規格

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME
名称 DYNAMIC DZ5200
VERTICAL RECEPTACLE ASSY

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

A3

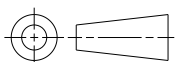
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C-1747147

-

SCALE
尺度 2:1SHEET
1 OF 5REV
C

適用寸法(D) DIMENSION APPLIED(D)	一般公差 GENERAL TOLERANCE
0<D≤10	±0.3
10<D≤30	±0.4
30<D≤100	±0.45

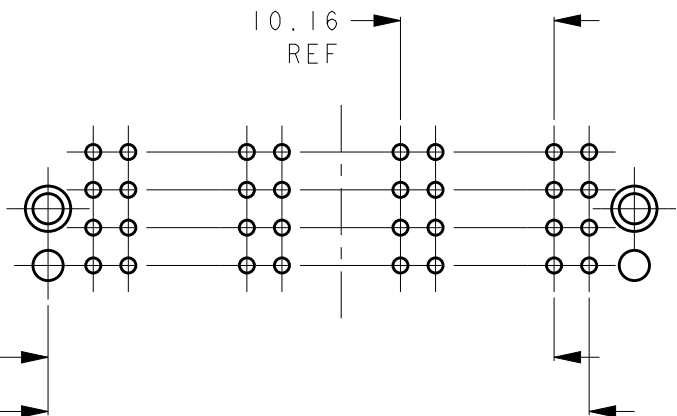
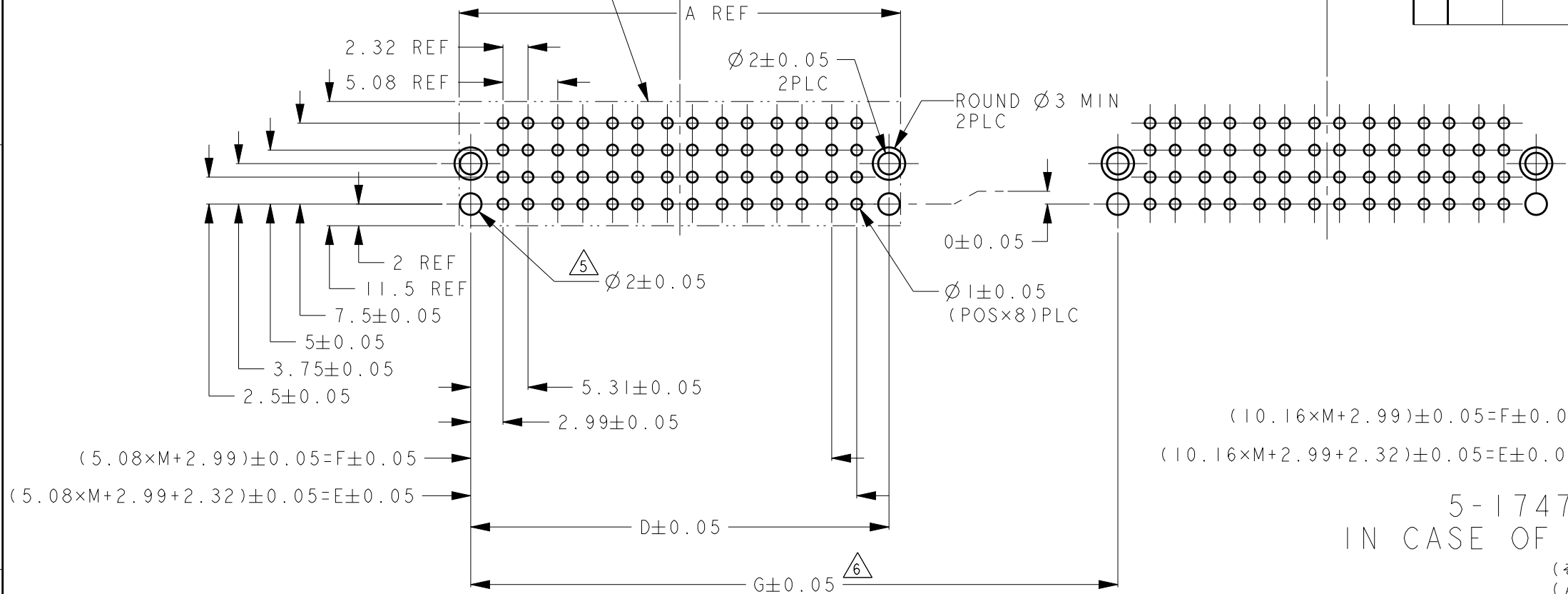
MATERIAL
材料FINISH
仕上

REVISIONS

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

リセプタクルハウジング外形
OUTLINE OF RECEPTACLE HOUSING

(顧客任意値)
(CUSTOMER ARBITRARY VALUE)



1-1747147-X (5.08mm ピッチ)の場合
IN CASE OF 1-1747147-X (5.08mm PITCH)

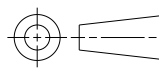
5-1747147-X (10.16mm ピッチ)の場合
IN CASE OF 5-1747147-X (10.16mm PITCH)
(その他の寸法については1-1747147-X (5.08mmピッチ)の場合と同じ)
(ABOUT OTHER DIMENSION, IT IS THE SAME AS THE CASE OF 1-1747147-X (5.08mm PITCH.))

推奨基板取付穴寸法(コネクタ搭載面) 適用基板厚: 1.6±0.1

RECOMEND PC BOARD HOLE PATTERN(CONNECTOR MOUNT SIDE), PC BOARD THICKNESS: 1.6±0.1

△5 THE HOLE FOR DECIDING THE POSITION WHICH MOUNTS THE CONNECTOR.
△6 WHEN TWO OR MORE CONNECTORS ON ONE PC BOARD ARE USED
WHEN PROCESSING BY THE HOLE(△5) POSITION DIMENSION TOLERANCE CANNOT BE PERFORMED,
ONLY ONE CONNECTOR SHOULD BE USED PER ONE PC BOARD.
(WHEN PROCESSING BY THE HOLE(△5) POSITION DIMENSION TOLERANCE CAN BE PERFORMED,
TWO OR MORE CONNECTOR CAN BE USED PER ONE PC BOARD.)

顧客任意値 CUSTOMER ARBITRARY VALUE	23.31	25.63	28.62	30.76	2	10.16	3/3	6-1747147-3
	33.47	35.79	38.78	40.92	6	5.08	7	1-1747147-7
	23.31	25.63	28.62	30.76	4	5.08	5	1-1747147-5
	33.47	35.79	38.78	40.92	3	10.16	4/4	5-1747147-4
	23.31	25.63	28.62	30.76	2	10.16	3/3	5-1747147-3
G	F	E	D	A	M PITCH		POS	PART NO
DIMENSION								

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.RIKU 10FEB05	 TE Connectivity					
DIMENSIONS: mm		CHK D.MITSUGI 10FEB05						
		APVD D.MITSUGI 10FEB05	NAME DYNAMIC DZ5200 VERTICAL RECEPTACLE ASSY					
		PRODUCT SPEC 108-78186						
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±		APPLICATION SPEC -	SIZE A3					
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±3°		WEIGHT -						
MATERIAL		FINISH	CAGE CODE -					
			DRAWING NO C-1747147					
			RESTRICTED TO -					
			SCALE 2:1					
			SHEET 2 OF 5					
			REV C					
			CUSTOMER DRAWING					

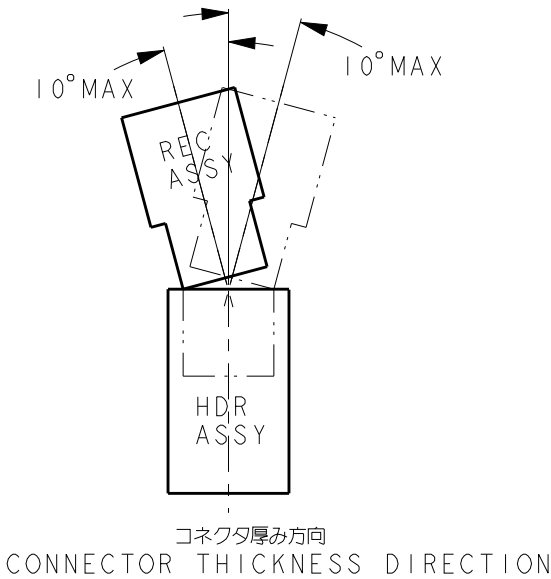
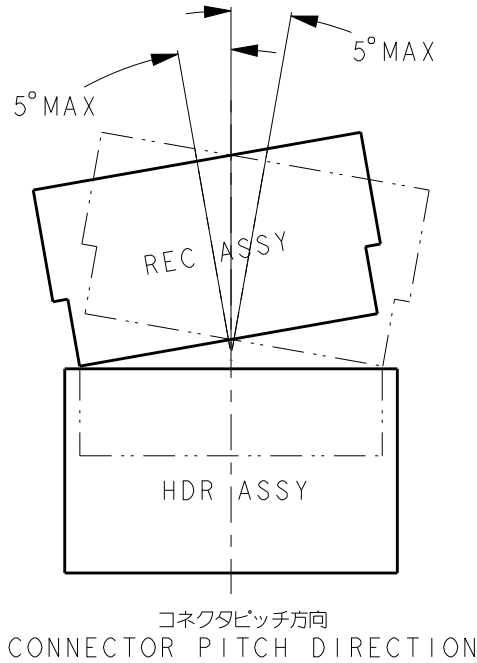
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

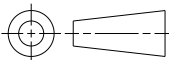
7 THE CAUTION ON THE HANDLING OF THE CONNECTOR

(1)MOUNTING OPERATION ONTO PC BOARD
AFTER MOUNTED ONTO PC BOARD, PLEASE CHECK THAT THERE ARE NO FLOAT IN BOTH SIDE SURFACE OF THE CONNECTOR,AND DO SOLDERING WORK.
MOREOVER, PLEASE DO NOT RE-USE OF THE CONNECTOR REMOVED FROM THE PC BOARD AT ONCE.(SINCE MOUNTING POSITION ACCURACY FALLS.)

(2)MATING OPERATION
THE MATING OPERATION SHOULD BE MADE AFTER CONFIRMING NO EXCESSIVE GAP OR INCLINATION THROUGH A LIGHT MATING OF HEADER CONNECTOR AND RECEPTACLE CONNECTOR.
REGULATION OF THE DEGREE
CONNECTOR PITCH DIRECTION:THE DEGREE MUST BE LESS THAN 5 DEGREES.
CONNECTOR THICKNESS DIRECTION:THE DEGREE MUST BE LESS THAN 10 DEGREES.

(3)REMOVAL OPERATION
TO UNMATE MATED PC BOARDS, IT IS BEST TO HOLD THE PC BOARD AT A OPERATION ADJACENT TO THE CONNECTOR AND EXTRACT IN A STRAIGHT MANNER.
IN THE EVENT THAT THE EXTRACTION FORCE IS HIGH, IT MAY BE EASIER TO UNMATE THE PC BOARD BY TILTING IT IN ONE DIRECTION WHILE EXTRACTING.
HOWEVER,THIS TILT MUST BE KEPT WITHIN 5 DEGREES(PITCH DIRECTION) AND 10 DEGREES(THICKNESS DIRECTION).



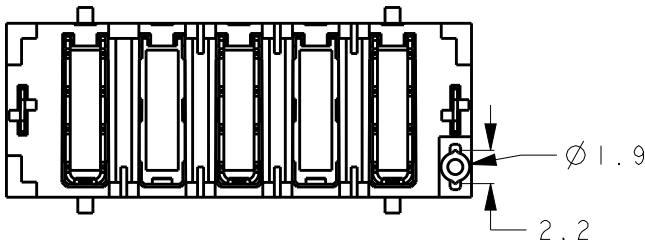
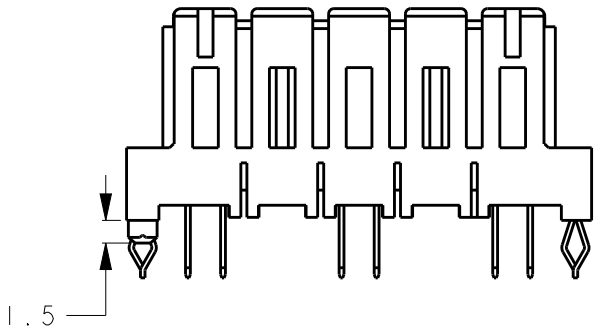
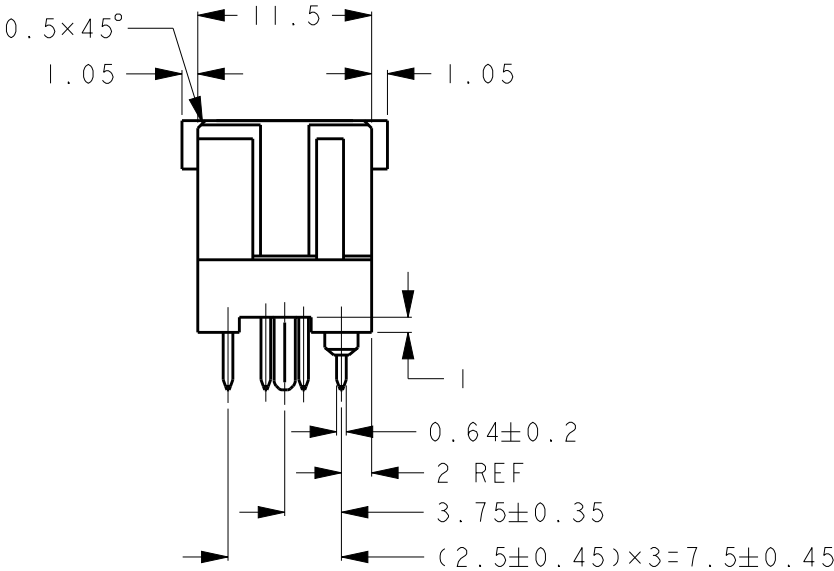
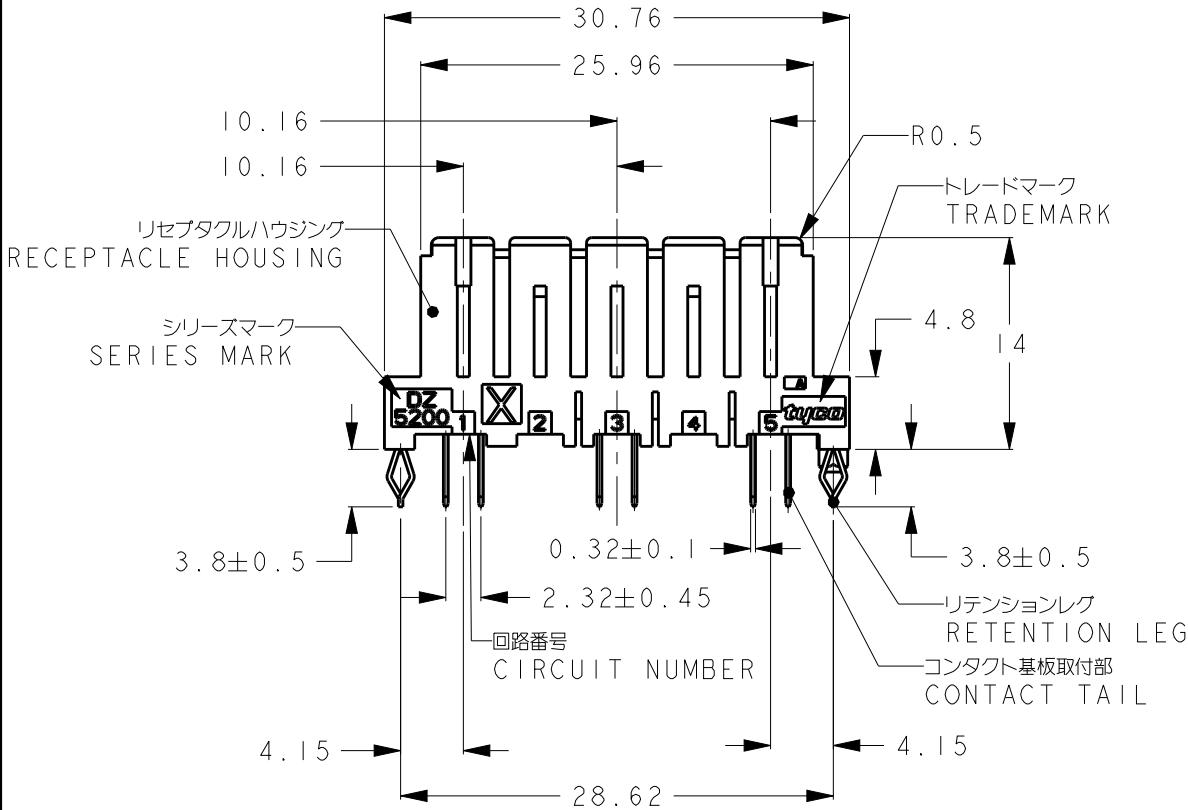
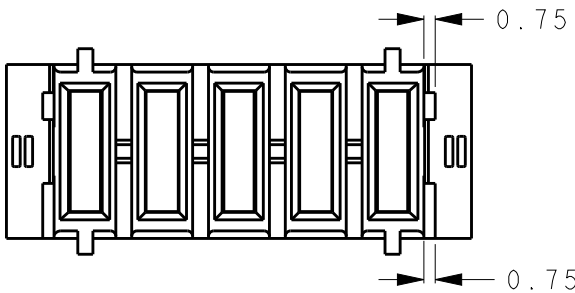
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. RIKU	10FEB05	TE TE Connectivity					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ± - 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±3°	CHK D. MITSUGI	10FEB05	NAME DYNAMIC DZ5200 VERTICAL RECEPTACLE ASSY					
		APVD D. MITSUGI	10FEB05						
		PRODUCT SPEC 108-78186		SIZE A3			CAGE CODE -	DRAWING NO C-1747147	RESTRICTED TO -
		APPLICATION SPEC -							
		MATERIAL		FINISH		WEIGHT -			
				CUSTOMER DRAWING			SCALE 2:1	SHEET 3 OF 5	REV C

REVISIONS

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

2-1747147-3の形状

2-1747147-3:AS SHOWN



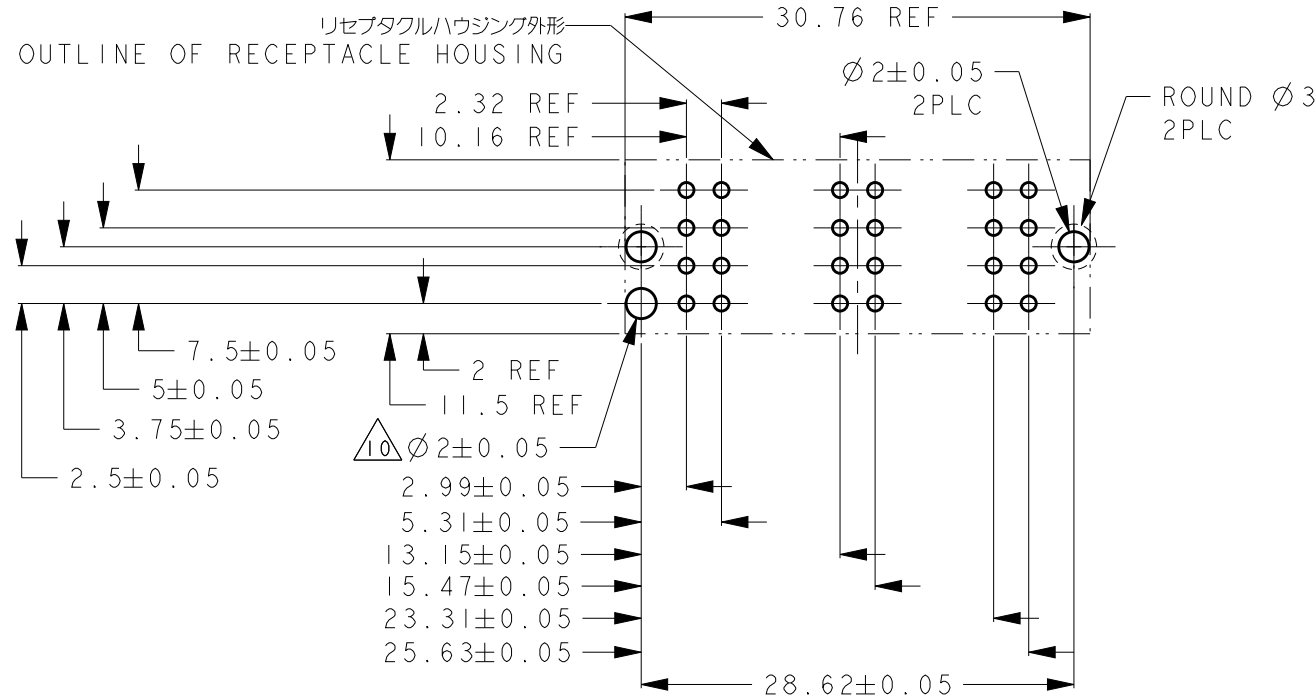
1554403-3	5.08	10.16	3 $\triangle_3$	2-1747147-3
MATING CONNECTOR PART NUMBER	WEIGHT (g)	PITCH	POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-	 TE Connectivity	
		CHK	-		
		APVD	-		
		PRODUCT SPEC	-		
		APPLICATION SPEC	-	NAME DYNAMIC DZ5200 VERTICAL RECEPTACLE ASSY	
		WEIGHT	-	SIZE A3	CAGE CODE -
				DRAWING NO C-1747147	RESTRICTED TO -
CUSTOMER DRAWING		SCALE	2:1	SHEET	4 OF 5
				REV	C

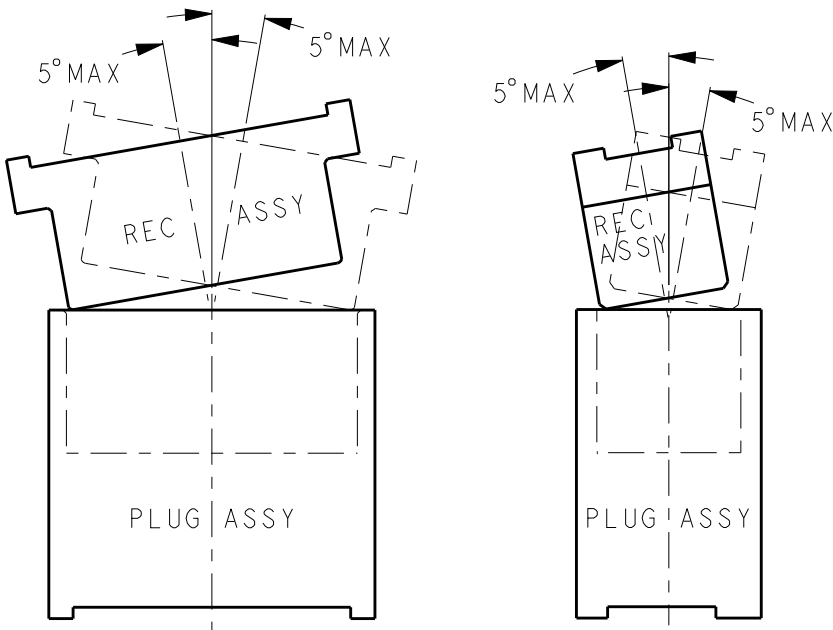
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

D



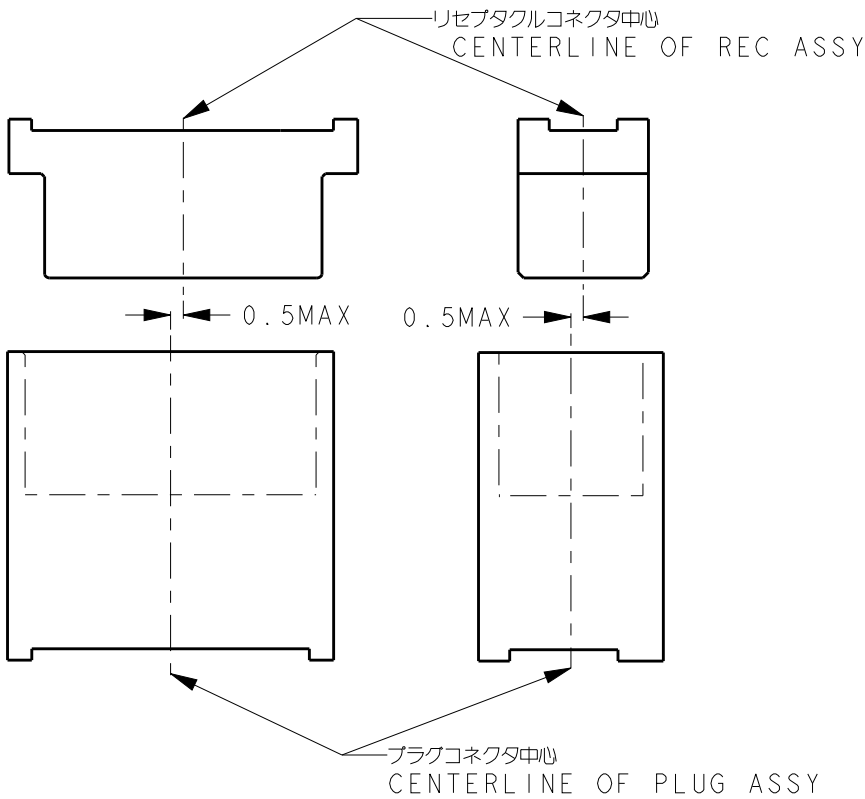
2-1747147-3:AS SHOWN



C

C

2-1747147-3の推奨基板取付穴寸法（コネクタ搭載面） 適用基板厚：1.6±0.1
RECOMEND PC BOARD HOLE PATTERN FOR 2-1747147-3
(CONNECTOR MOUNT SIDE), PC BOARD THICKNESS:1.6±0.1



△ 2-1747147-3の嵌合傾き許容量

PERMISSIBLE TILT WHEN MATING FOR 2-1747147-3

B

B

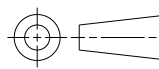
- △ HOLE FOR POSITIONING OF CONNECTOR MOUNTING.
- △ USAGE NOTE
- (1)DESIGN OF CIRCUIT BOARD
DESIGN OF CIRCUIT BOARD SHOULD BE MADE SURE THAT MISALIGNMENT TO MATING CONNECTOR IS 0.5mmMAX(SEE LEFT FIGURE).
 - (2)MOUNTING OPERATION ONTO CIRCUIT BOARD
AFTER MOUNTED ONTO CIRCUIT BOARD, CHECK THAT THERE IS NO FLOAT FROM THE CIRCUIT BOARD, AND THEN DO SOLDERING WORK
DO NOT RE-USE THE CONNECTOR REMOVED FROM THE CIRCUIT BOARD AT ONCE.
 - (3)MATING OPERATION
MATING OPERATION SHOULD BE DONE IN ACCORDANCE WITH FOLLOWING CONDITION.
MISALIGNMENT TO MATING CONNECTOR : 0.5mmMAX (SEE LEFT FIGURE)
INCLINATION TO MATING CONNECTOR : 5° MAX (SEE ABOVE FIGURE)
INCLINATION TO MATING CONNECTOR SHOULD BE MAINTAINED WITHIN 5° EVEN UNMATING.

A

A

△ 2-1747147-3の嵌合位置ズレ許容量

PERMISSIBLE MISALIGNMENT OF MATING FOR 2-1747147-3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-	 TE Connectivity	
		CHK	-		
		APVD	-		
		PRODUCT SPEC	-		
DIMENSIONS: mm		APPLICATION SPEC	-	NAME DYNAMIC DZ5200 VERTICAL RECEPTACLE ASSY	
		WEIGHT	-	SIZE	A3
		CUSTOMER DRAWING	-	CAGE CODE	-
MATERIAL		FINISH	-	DRAWING NO	©-1747147
				RESTRICTED TO	-
				SCALE	2:1
				SHEET	5 OF 5
				REV	C

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[5-1747147-4](#)