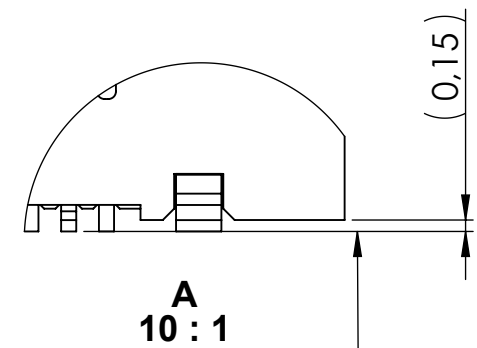
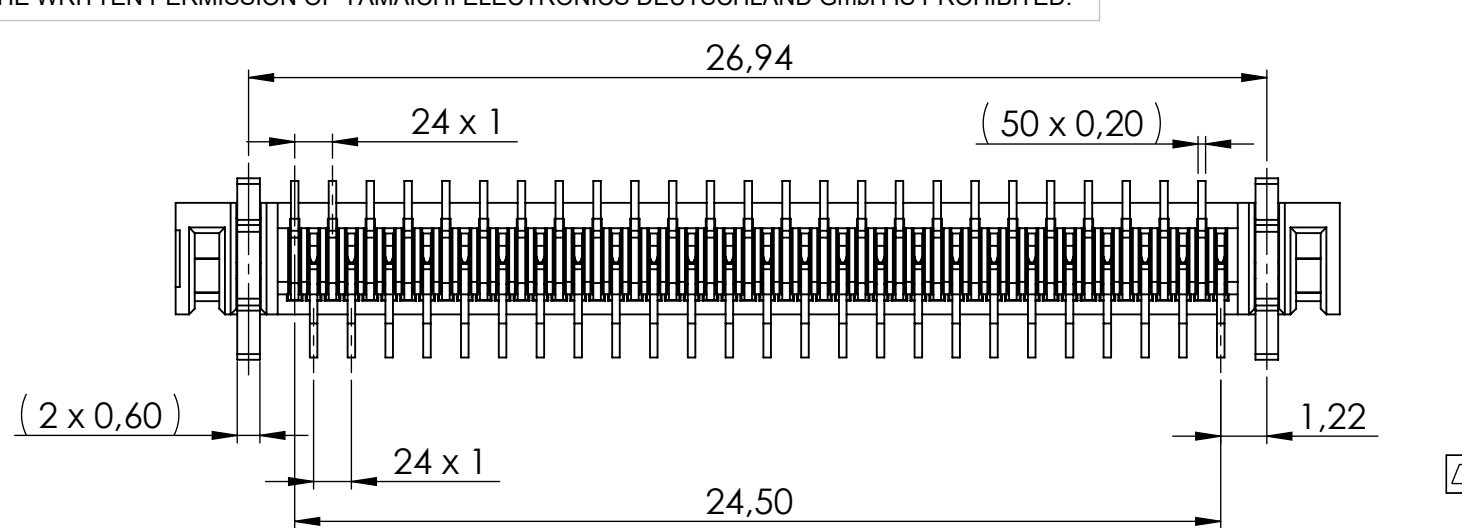
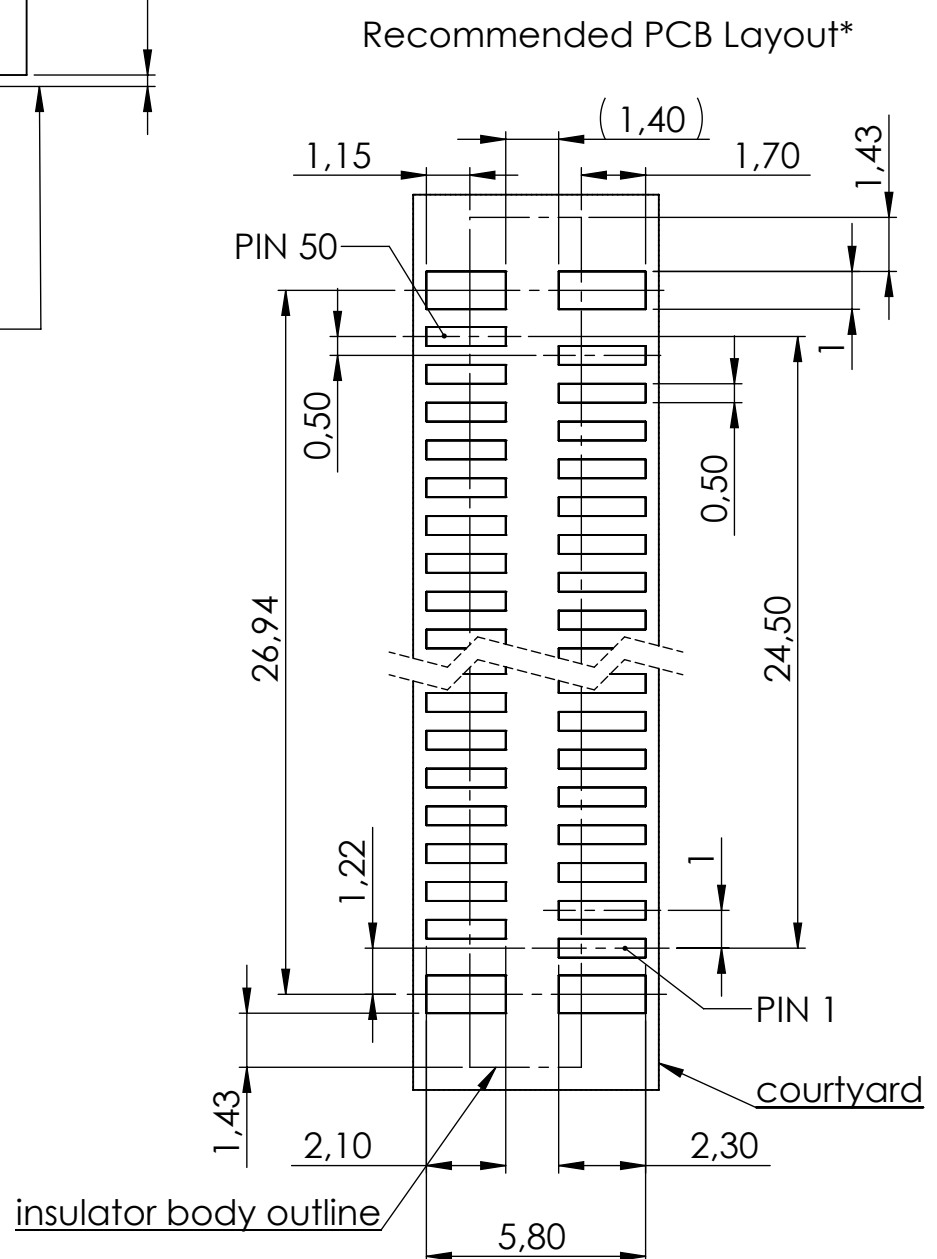
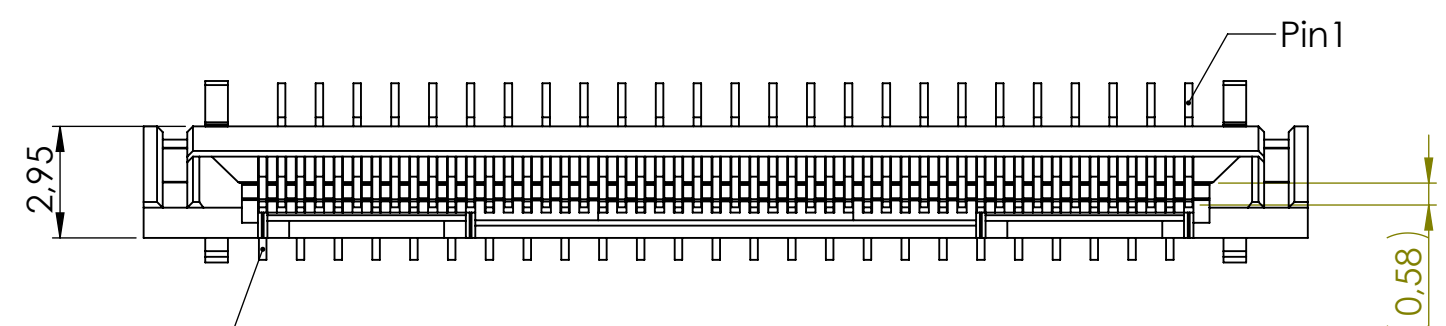
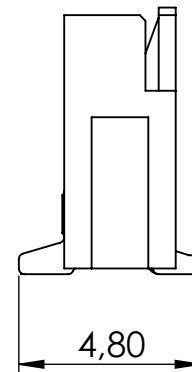
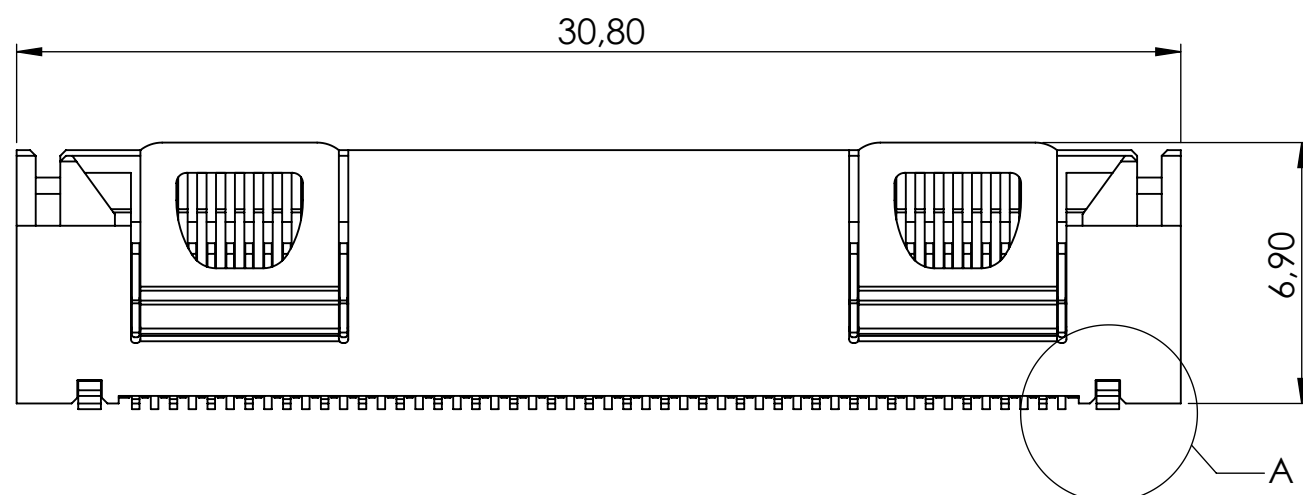


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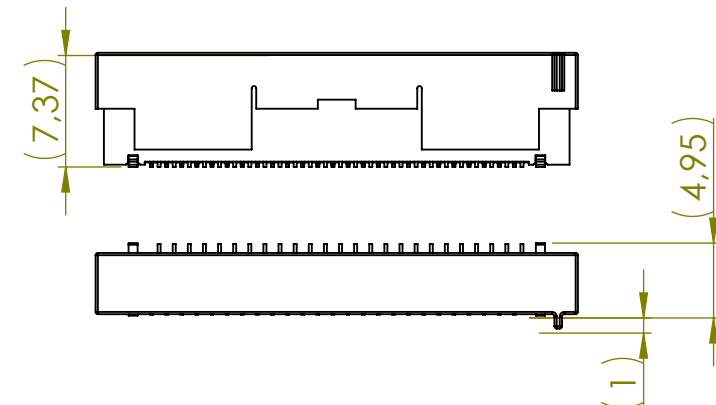
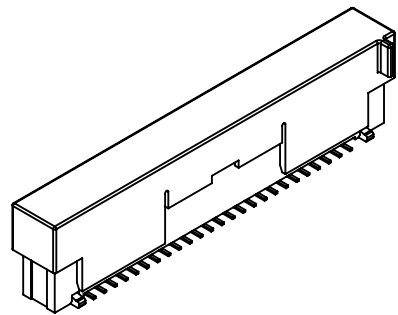
CONFIDENTIAL



max 0,10 coplanarity for all solder pins




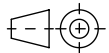
With Pick&Place-Cap



Note:
Item to be used with Customer-P1696A09.

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Specification/Drawing subject to alteration without prior notice **RoHS compliant acc. to directive 2011/65/EU**

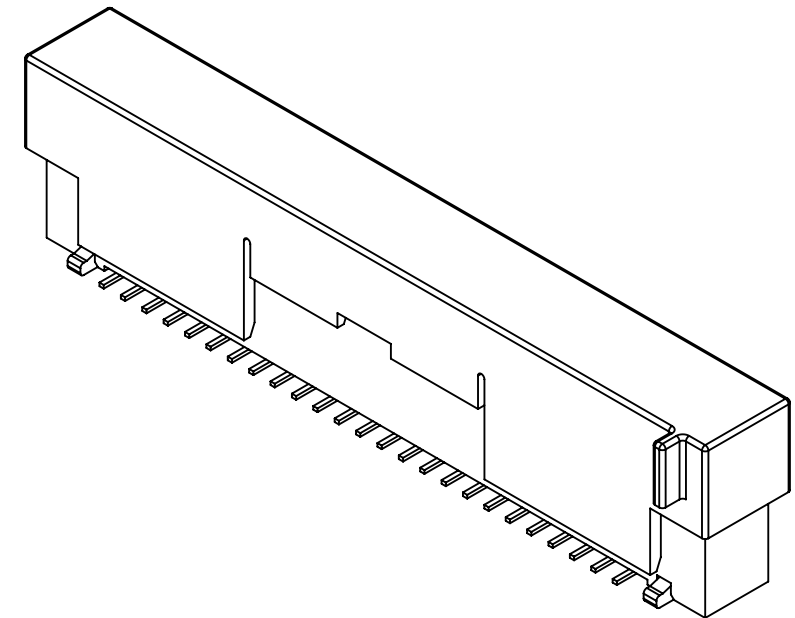
Unless otherwise specified : Dimensions are in millimeters		REV.		REVISION DESCRIPTION		INITIALS		REV. DATE		<div>YAMAICHI ELECTRONICS</div>	
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Order / Article No. 86-01611			DO NOT SCALE DRAWING			CLASSIFICATION: Y-Lock for FFC w/pullforce					
NOTES: A3		ANGLE PROJECTION:		CREATED		NAME		DATE		TITLE:	
 FIRST				MODIFIED		KHA		12.08.2015		Y-LPF-2C5-50-S1-BF-REDC0	
				RELEASED		SB		12.10.2015		DWG NO:	
				SUBREV		02 M189		01.10.2019		Customer-P1696A120	
WEIGHT:										REVISION: 0	
										SCALE: 5:1	
										SHEET 1 OF 4	
										A3 - ASSEMBLY	



F

Specification

ON:

MATERIAL/FINISH		
INSULATOR	Material	LCP (UL 94V-0)
SMT TABS	Material	Brass
	Plating	Underplate: Ni Solder tails: Sn
	Thickness	0.60mm
CONTACTS	Material	Copper Alloy
	Plating	Underplate: Ni Contact area: Au Solder tail area: Au flash
	Thickness	0.15mm
PP-CAP	Material	PA
SPECIFICATION		
MATING CYCLES		10 cycles
TOTAL INSERTION FORCE		5 - 15 N
TOTAL WITHDRAWAL FORCE		>15 N
INSULATION RESISTANCE		100 MΩ @ 500V DC /1min
CONTACT RESISTANCE		50 mΩ max
OPERATION TEMPERATURE		-40°C to +105°C
SOLDERABILITY		Compliant to J-STD-020C (Pb-free)
VOLTAGE RATING		50 V DC
CURRENT RATING		0.4 A max (derating: 0.3 A @ 85°C)



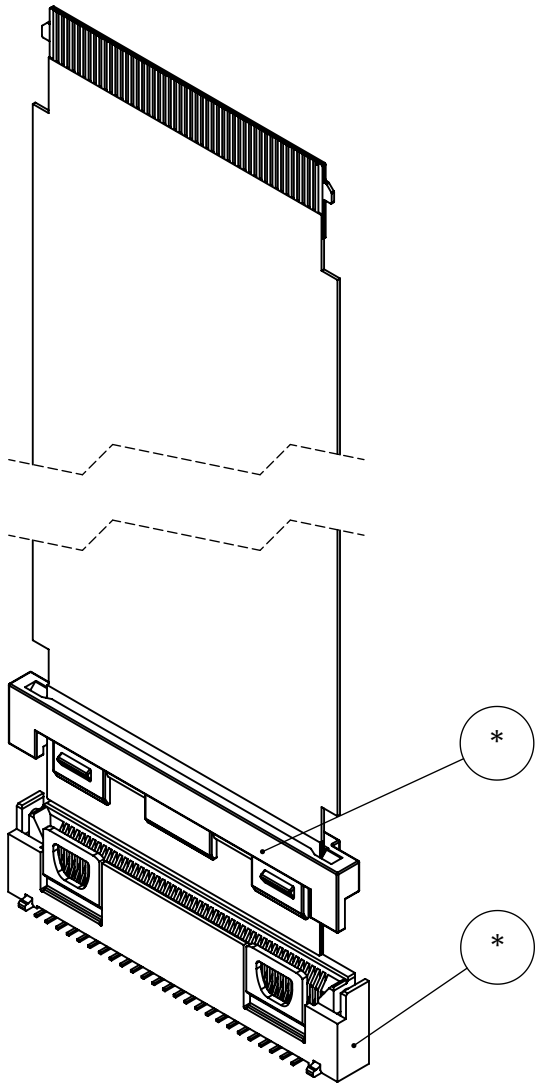
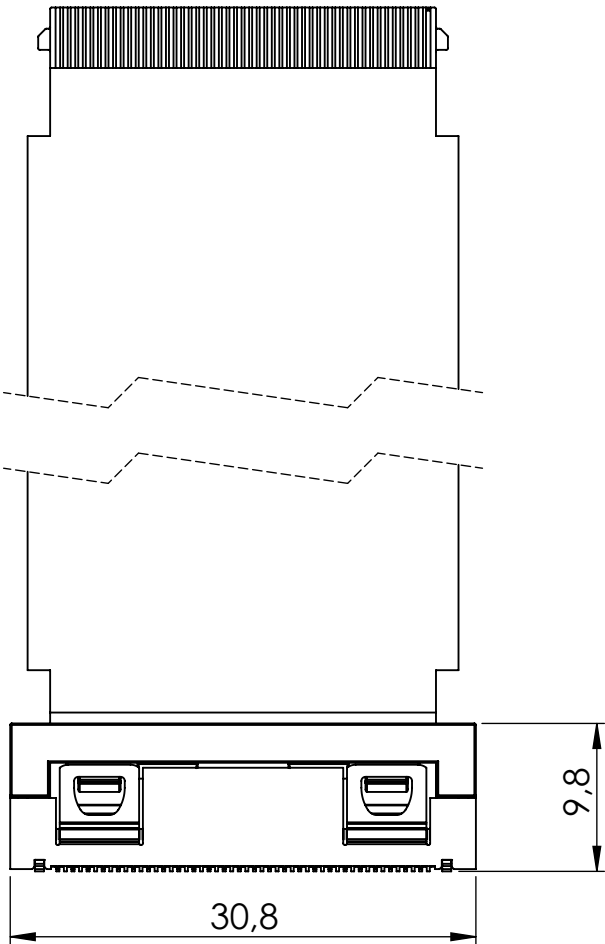
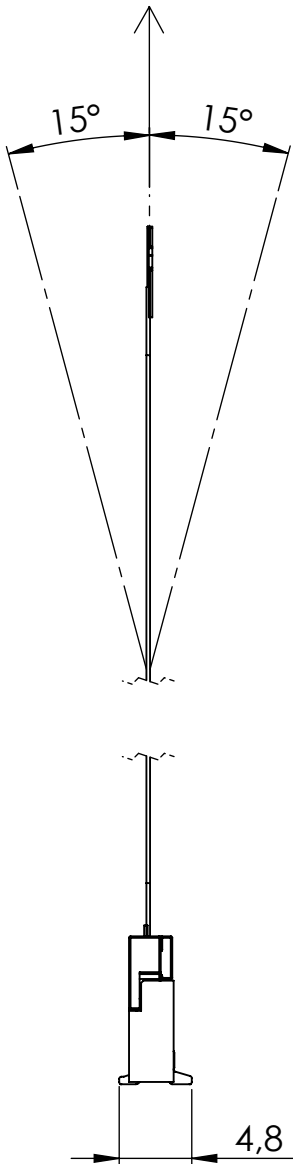
Unless otherwise specified : Dimensions are in millimeters		REV.		REVISION DESCRIPTION		INITIALS		REV. DATE				YAMAICHI ELECTRONICS			
TOLERANCES		△													
ISO 2768-1 f (fein)		△													
ISO 2768-2 H		△													
		△													
Order / Article No. 86-01611				DO NOT SCALE DRAWING				CLASSIFICATION: Y-Lock for FFC w/pullforce							
NOTES: A3		ANGLE PROJECTION:		CREATED		NAME		DATE		TITLE: Y-LPF-2C5-50-S1-BF-REDC0					
 FIRST				MODIFIED		KHA		12.08.2015		DWG NO.: Customer-P1696A120					
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WEIGHT:				SUBREV 02		M189		01.10.2019		SCALE: 2:1		SHEET 2 OF 4		A3 - ASSEMBLY	

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Assembly

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- For unmating:
- Pull cable vertically (pulling direction as shown below)
 - Pulling angle as indicated below









POS-NR.	Beschreibung	QTY.
1	Y-Lock FFC Assembly with Stiffener	1
2	Y-Lock 50pin, 0,5mm, 180° SMT	1

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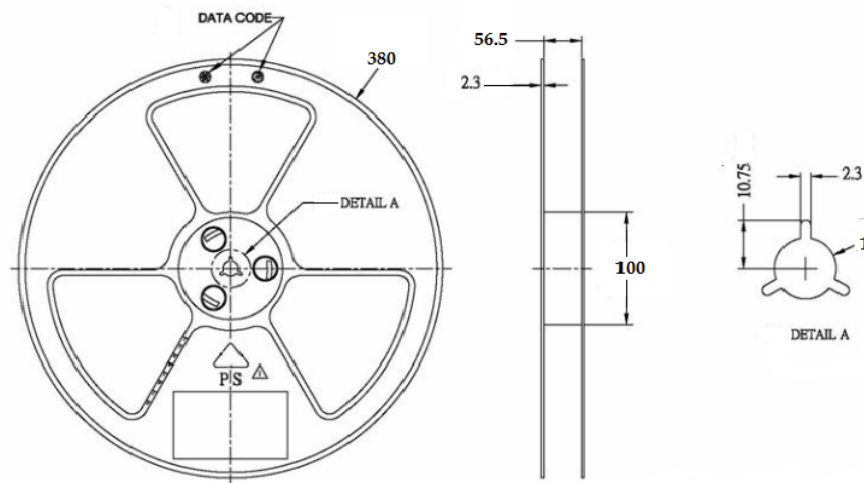
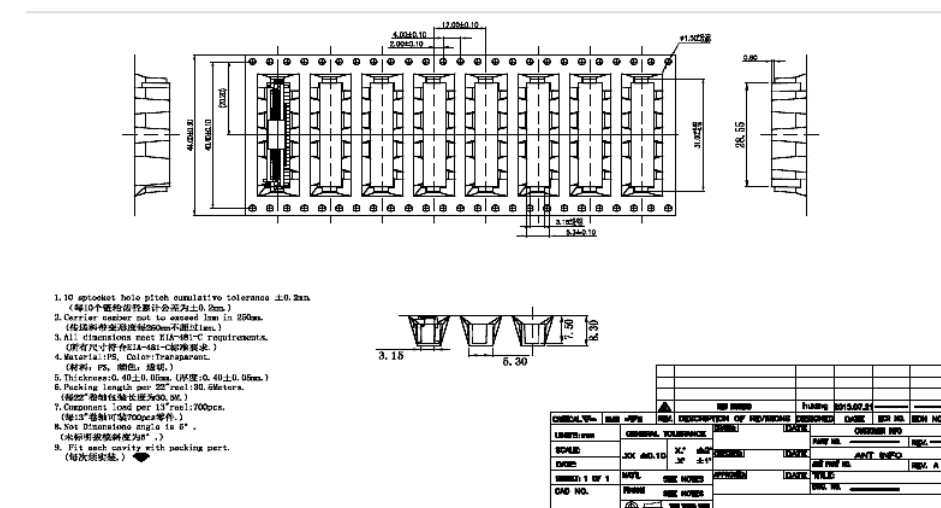
RoHS compliant acc. to directive 2011/65/EU

Unless otherwise specified : Dimensions are in millimeters TOLERANCES ISO 2768-1 f (fein)		REV.	REVISION DESCRIPTION		INITIALS	REV. DATE	<div>YAMAICHI ELECTRONICS</div>		
									
									
									
									
Order / Article No. 86-01611		DO NOT SCALE DRAWING				CLASSIFICATION:		Y-Lock for FFC w/pullforce	
NOTES: A3	<div>ANGLE PROJECTION:  FIRST</div>	CREATED	KHA	22.07.2015	TITLE:				
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					Customer-P1696A120				
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WEIGHT:		SUBREV	02	M189	01.10.2019	SCALE: 2:1		SHEET 3 OF 4	A3 - ASSEMBLY

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Packaging

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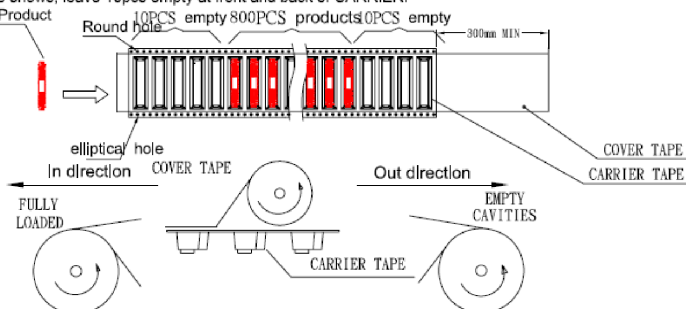


Note:

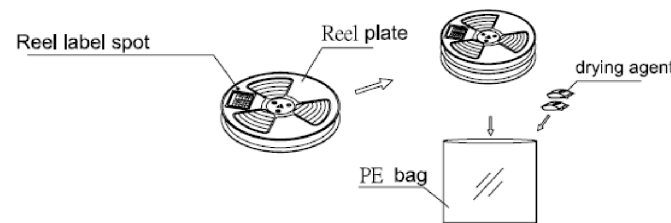
- Material: PS
- Packing: Tape reel (800 pcs/reel, 3200 pcs/carton)

Packing material list		
name	numbers	qty
carton	41643-00 (400x400x260)	1pcs
Carrier Tape	44440-84	9.85m*4
15" REEL	46560-01	4pcs
Cover Tape	45375-01	10.7m*4
Triangular Paperboard	4E527-00	4pcs
Drying Agent	4G500-00	4PCS
Bubble pad	400L*400W*8T	2PCS
PE bag	600L*600W	2pcs
Reel/out carton label	60*50	4pcs
OK Label		1PCS

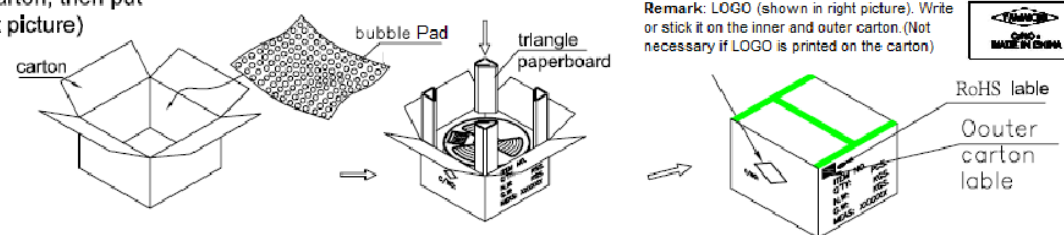
- Fix CARRIER TAPE and COVER TAPE of Y-LOCK 50P ASSY product's on packing machine, ready to put product into CARRIER TAPE.
- Put product on correct direction, SMT PIN should be placed with correct direction as following picture shows, leave 10pcs empty at front and back of CARRIER.



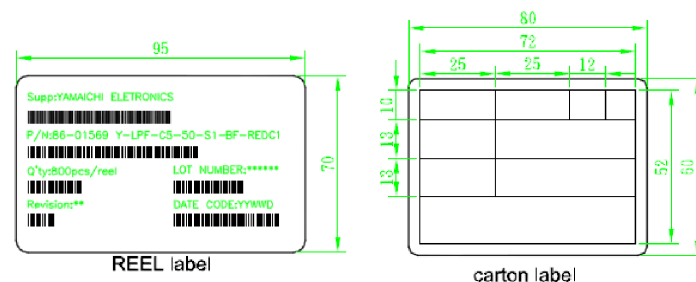
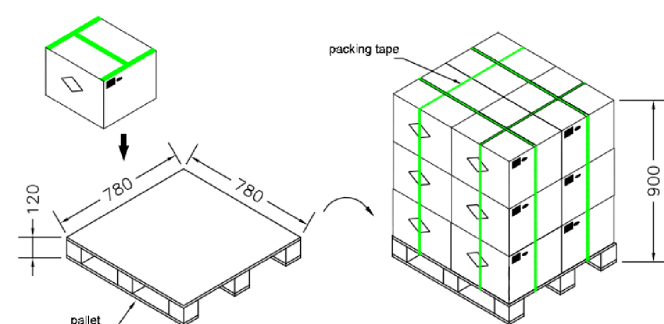
- Products 800pcs per reel, and stick the end of reel. Stick label at the designated spot, marked with PN, Version, qty and production date (see following picture). Reel label should be stuck on reel plate of which side close to CARRIER elliptical hole.
- Overlap each 2 reels (total: 4reels), put them into 2 plastic bags and keep label upward. Put 2 bags drying agent, use sealing machine seal the plastic bags (see following picture).



- Put 2 layers bubble pleat at the bottom of carton, put the products into carton, then put 4pcs triangle paperboard at the 4 corners of carton, seal carton (see right picture).
- Stick label at the spot on carton shown as picture.



- Put the tested product of 86-01569 on 780Lx780Wx120H pallet, as shown picture.
- Product should be placed with correct direction, one of label side outward, as shown picture.
- Product (4cartons per layer/3layers per pallet/total 12 cartons), bind with packing tape as shown picture.



Remarks:

- Stick one reel label on each reel plate.
- 4 reels plate per carton, stick label on outer carton.
- LOT NO. :***** fill in according to actual production status.
- D/C:YYWW shows : YY:year, WW:which week, D:which day of this week, set Sunday is the first day of a week.
- REV :**take customer's drawing P1696A12 as confirmation.

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RoHS compliant acc. to directive 2011/65/EU

Packing Material List			Packing contenents	
PN	Description			
Product	86-01569	12 Cartons	Pcs/reel	800pcs/reel
Pallet	4D503-00	1PCS	Reel/Out carton	4reel/carton
Packing Reel	49525-00	14m	Pcs/Carton	3200 pcs/carton

Packaging Conforms to EIA RS-481 Standard

Unless otherwise specified : Dimensions are in millimeters TOLERANCES		REV.	REVISION DESCRIPTION	INITIALS	REV. DATE
		△			
		△			
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Order / Article No. 86-01611		DO NOT SCALE DRAWING		CLASSIFICATION:	
NOTES: A3		NAME DATE		Y-Lock for FFC w/pullforce	
ANGLE PROJECTION: FIRST		CREATED MODIFIED RELEASED		TITLE: Y-LPF-2C5-50-S1-BF-REDC0	
		KHA KHA SB		DWG NO.: Customer-P1696A120	
		02 M189		REVISION: 0	
WEIGHT:		SUBREV		SCALE: 2:1	
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				A3 - ASSEMBLY	