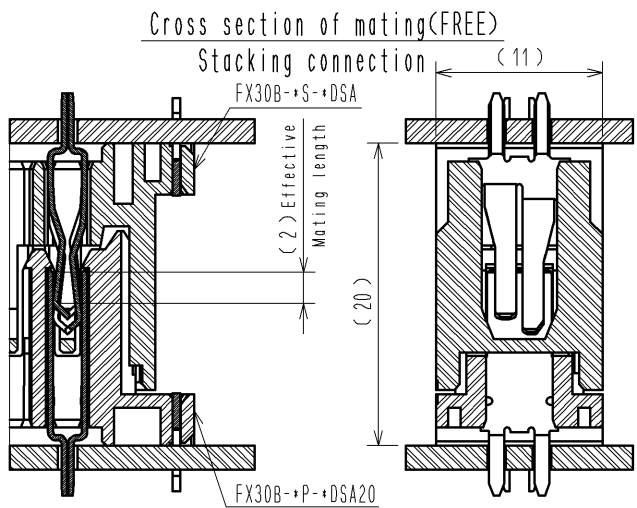
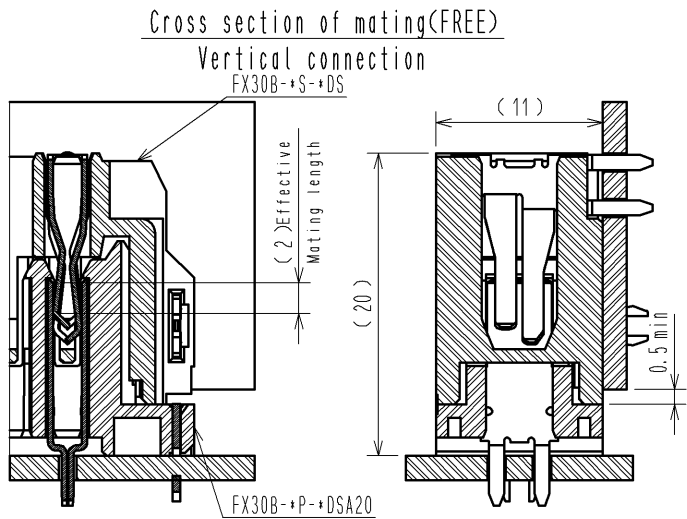
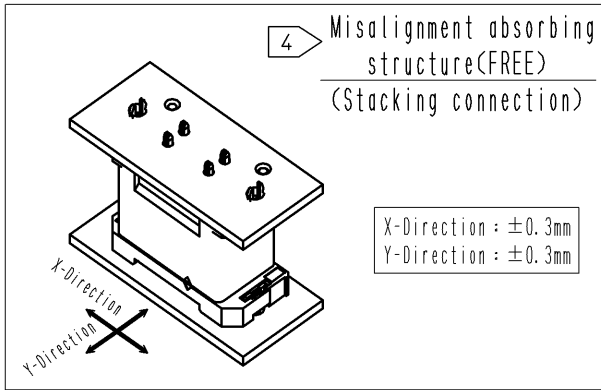
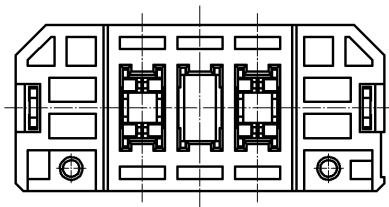
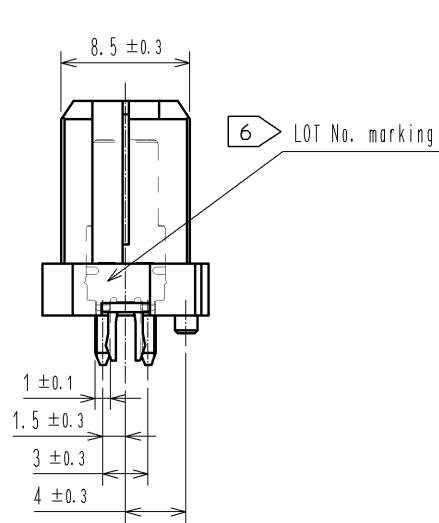
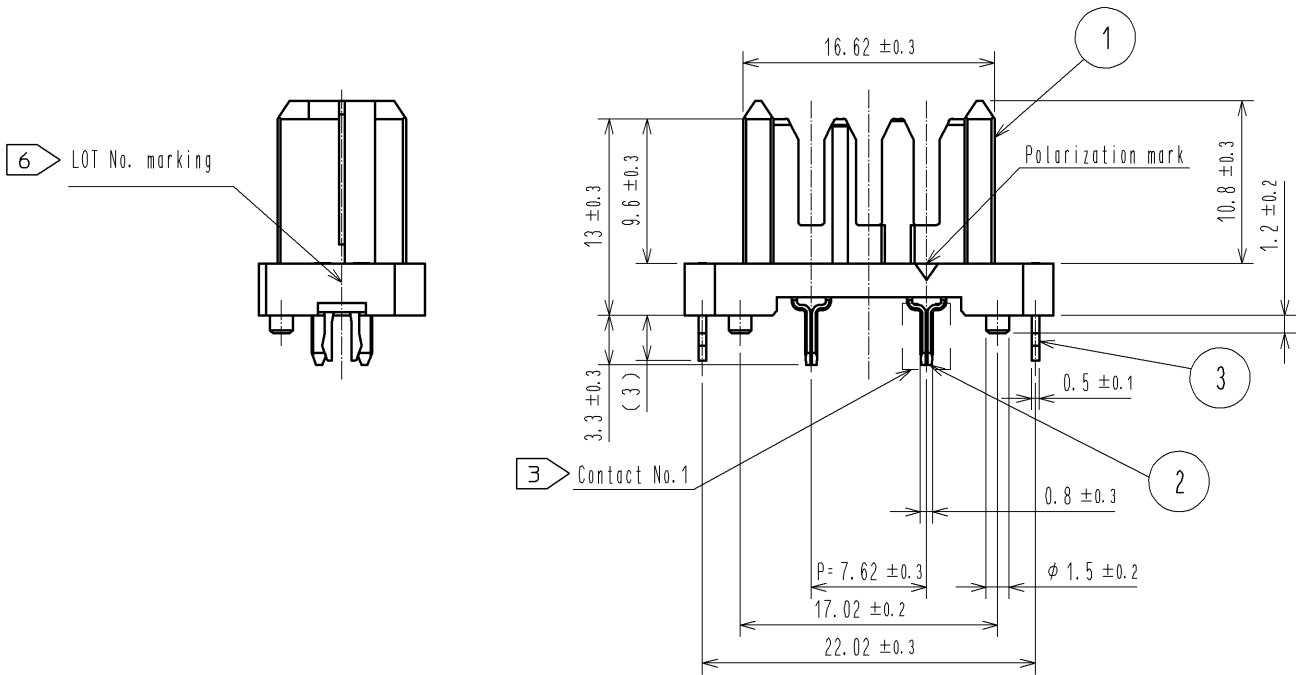
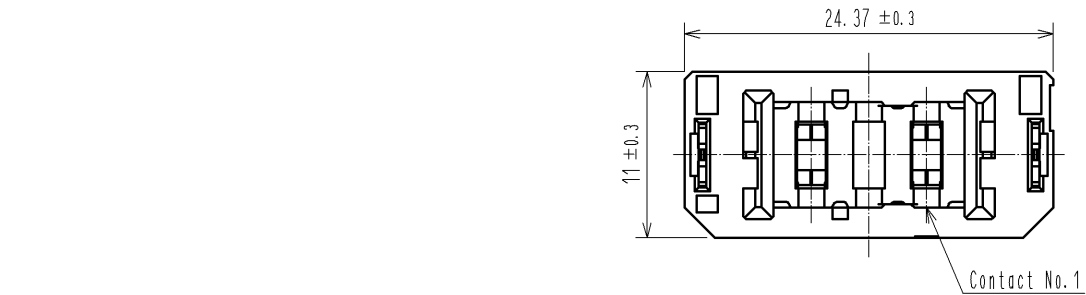
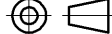
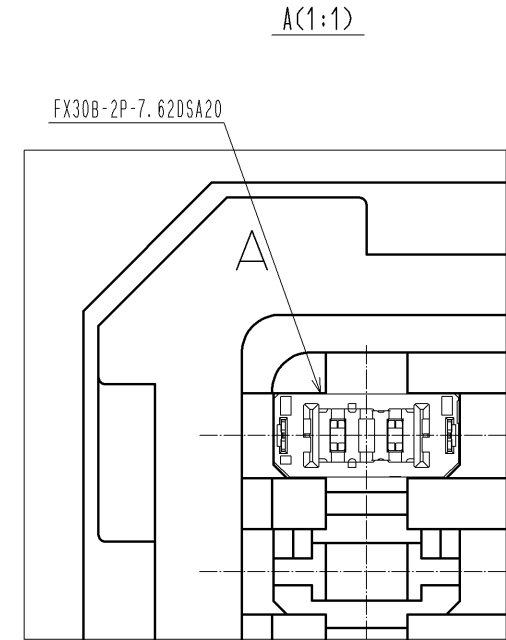
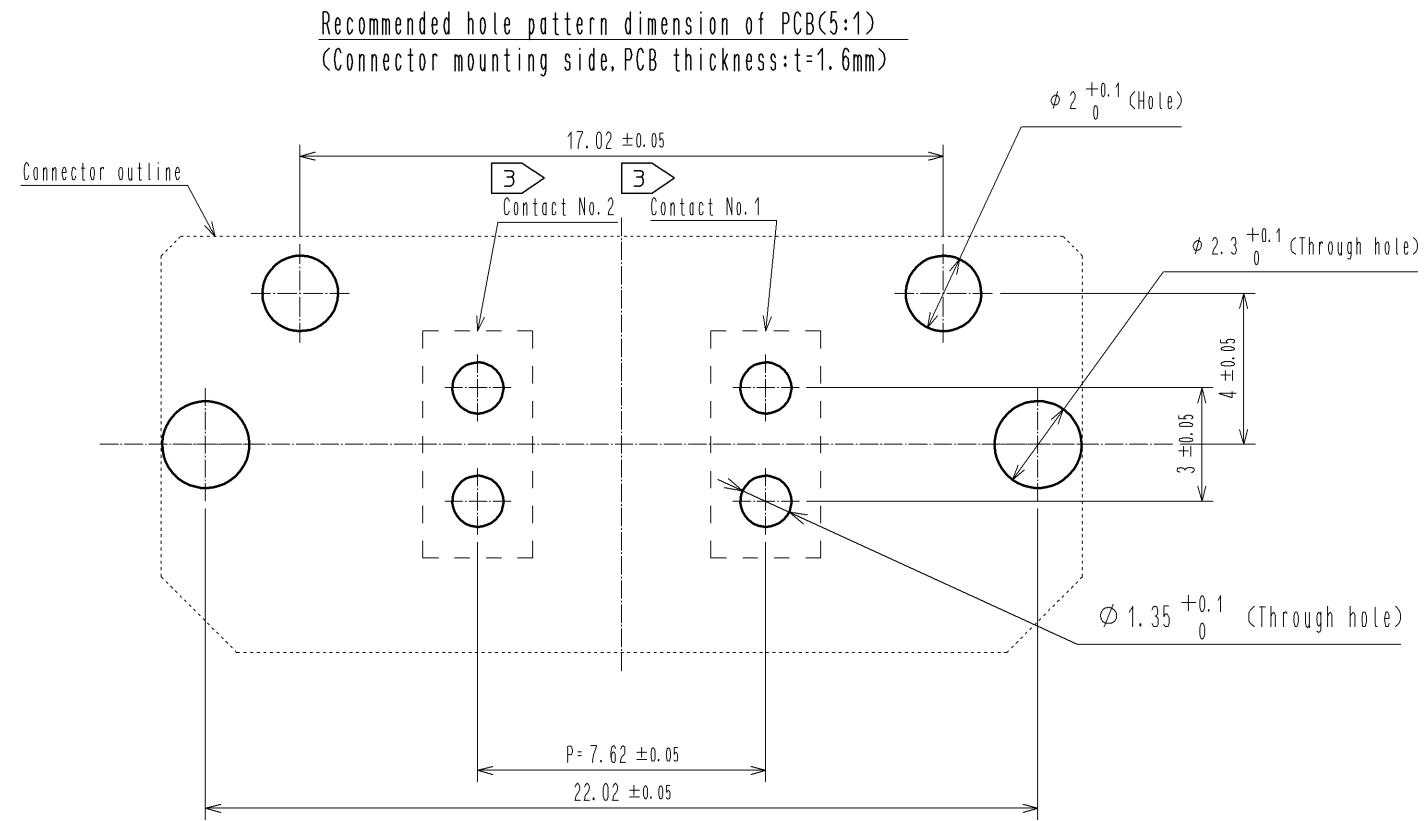
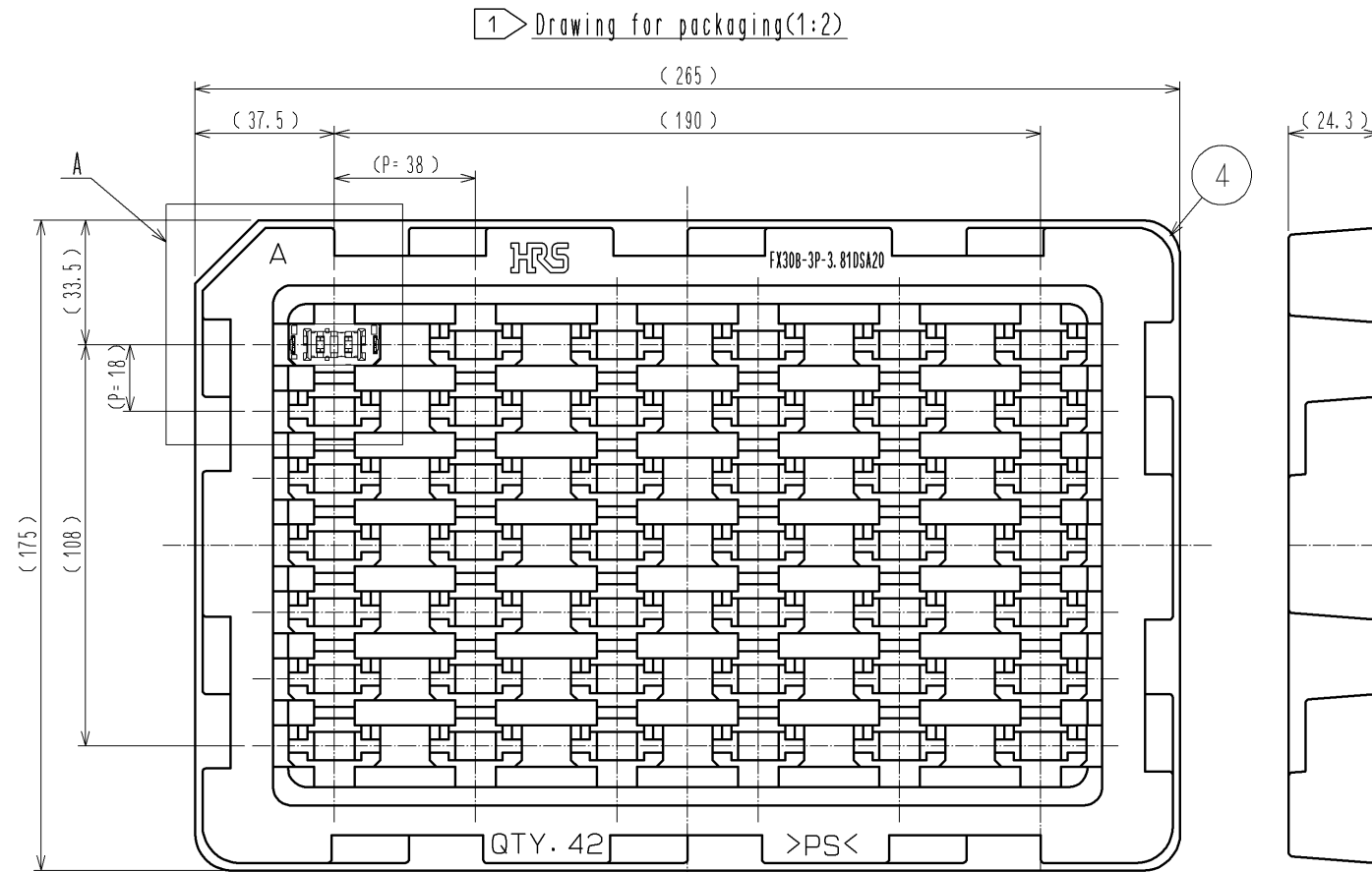


APPLICABLE STANDARD					
RATING	Operating Temperature Range	-55 °C to 105 °C ⁽¹⁾		Storage Temperature Range	-10 °C to 60 °C ⁽²⁾
	Voltage	600 V AC/DC		Storage Humidity Range	40 % to 70 % ⁽²⁾
	Current	15A 		Operating Humidity Range	Relative Humidity 85% max (Not dewed)
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
General Examination		Visually and by measuring instrument.		According to drawing.	x x
Marking		Confirmed visually.			x x
ELECTRIC CHARACTERISTICS					
Contact Resistance		10 mA(DC or 1000Hz)		2 mΩ MAX.	x —
Insulation Resistance		1000 V DC.		1000 MΩ MIN.	x —
Voltage Proof		1800 V AC for 1 min.		No flashover or breakdown.	x —
MECHANICAL CHARACTERISTICS					
Insertion and Withdrawal Forces		Measured by applicable connector.		Insertion Force: 10 N MAX. Withdrawal Force: 0.4 N MIN.	x —
Mechanical Operation		100 times insertions and extractions.		① Contact Resistance: 5 mΩ MAX. ② No damage, crack and looseness of parts.	x —
Vibration		Frequency 10 to 55 to 10Hz, approx 5min Single amplitude : 0.75 mm, 10 cycles for 3 axial directions.		① No electrical discontinuity of 1 μs. ② No damage, crack and looseness of parts.	x —
Shock		490 m/s ² , duration of pulse 11 ms, 3 times to both directions in 3 axial directions.			x —
ENVIRONMENTAL CHARACTERISTICS					
Damp Heat (Steady State)		Exposed at 40±2 °C, 90 ~ 95 %, 96 ±4h.		① Contact Resistance: 5mΩ MAX. ② Insulation Resistance: 1000 MΩ MIN.	x —
Rapid Change of Temperature		Temperature -55 → +105 °C Time 30 → 30 min. under 5 cycles. (Relocation time to chamber: within 2~3 MIN)		③ No damage, crack and looseness of parts.	x —
Dry heat		Exposed at +105±2°C for 96±4h.			x —
Cold		Exposed at -55±2°C for 96±4h.			x —
Sulfur Dioxide		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96h±4h.		① Contact Resistance: 5mΩ MAX. ② No defect such as corrosion which impairs the function of connector.	x —
Resistance to Soldering Heat 		Solder bath : Solder temperature 260±5°C for immersion, duration 10±1sec. Soldering irons : 380°C MAX. for 10 sec.		No deformation of case of excessive looseness of the terminal.	x —
Solderability		Soldered at solder temperature 240±3°C for immersion, duration 3 sec.		A new uniform coating of solder shall cover a minimum of 95 % of the surface being immersed.	x —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 1	DIS-F-007423		DK. AIMOTO	KN. SHIBUYA	14. 09. 11
REMARKS ⁽¹⁾ Include temperature rise caused by current-carrying. ⁽²⁾ "Storage" means a long-term storage state for the unused product before assembly to PCB.			APPROVED	HS. OKAWA	13. 03. 07
			CHECKED	K.I. HIROKAWA	13. 03. 07
			DESIGNED	DK. AIMOTO	13. 03. 07
			DRAWN	DK. AIMOTO	13. 03. 07
Unless otherwise specified, refer to JIS-C-5402, IEC60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-350409-00
	SPECIFICATION SHEET		PART NO.	FX30B-2P-7. 62DSA20	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL570-3104-4-00	 1/1



- NOTE
- 1 This product is packaged in tray. (42pcs/tray)
 - 2 Blemish and hit mark can be occurred through out the manufacturing process which doesn't affect quality level. Also, black spot could be observed on the surface of housing.
 - 3 For the contact NO., adjacent two pairs of leads placed back-to-back (4 leads in total) Compose one line.
 - 4 Misalignment absorbing range: ± 0.3 mm max.
 - 5 The dimension in parentheses are for references.
 - 6 Lot NO. is indicated at either one of the position as shown.

2	Copper alloy	Contact area:Gold-plating 0.1μm	4	Polystyrene				
		Lead area:Tin-plating 1.0μm						
		Under plating:Nickel 1.0μm						
1	Polyamide	Black UL94V-0	3	Phosphor bronze	Tin-plating 3.0μm			
					Under plating:Nickel 1.0μm			
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS			
UNITS mm		SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO. , LTD.		APPROVED : HS. OKAWA	14. 09. 12	DRAWING NO. EDC3-350409-00				
		CHECED : KN. SHIBUYA	14. 09. 12	PART NO. FX30B-2P-7. 62DSA20				
		DESIGNED : DK. AIMOTO	14. 09. 12	CODE NO. CL570-3104-4-00				
		DRAWN : DK. AIMOTO	14. 09. 12					
								1/2



HRS

DRAWING NO.	EDC3-350409-00
PART NO.	FX30B-2P-7.62DSA20
CODE NO.	CL570-3104-4-00

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