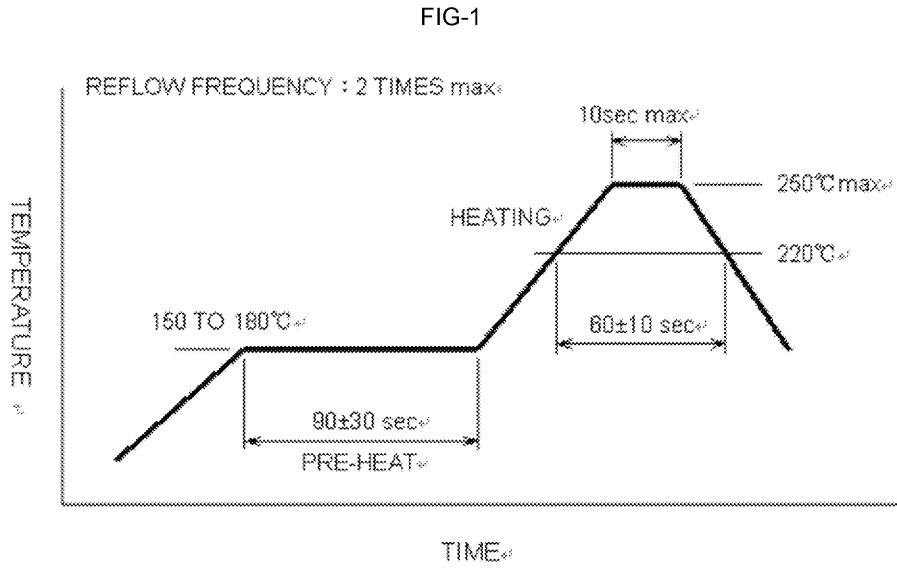


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO 85°C	STORAGE TEMPERATURE RANGE	-40°C TO 60°C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	5 %RH TO 95 %RH	
	CURRENT	No.2 TO No.17 : 0.5 A No.1 AND No. 18 : 1.5 A			
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	70 mΩ MAX.	X	—	
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	—	
VOLTAGE PROOF	350 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X	
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	25 N MAX.	X	—	
MECHANICAL OPERATION	20,000 TIMES INSERTIONS AND EXTRACTIONS.	1) AMOUNT OF CHANGE OF CONTACT RESISTANCE : 20mΩ MAX 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10μs. 2) AMOUNT OF CHANGE OF CONTACT RESISTANCE : 20mΩ MAX	X	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 60°C , 90~95%, 96h	1) AMOUNT OF CHANGE OF CONTACT RESISTANCE : 20mΩ MAX	X	—	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5-35 → +85 → 5-35 °C TIME 30 → 2~3 → 30 → 2~3 min. UNDER 5 CYCLES.	2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—	
MIXED GAS CORROSION	EXPOSED IN SO ₂ 10 ppm , H ₂ S 3ppm 70 TO 80% R H, FOR 96 h				
RESISTANCE TO SOLDERING HEAT (REFLOW)	REFROUW TWICE UNDER THERECOMMENDED REFLOW TEMPERATURE PROFILE IN FIG-1	NO SIGNIFICANT DEFOMATION OR LOSSENESS OF CONTACTS.	X	—	
RESISTANCE TO SOLDERING, SOLDER IRON METHOD	TEMPERATURE OF SOLDERING IRON : 390°C MAX, 3 sec MAX	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—	
RECOMMENDED REFLOW PROFILE IN FIG-1					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	NF. MIYAZAKI	10.03.25
			CHECKED	TA. ASO	10.03.25
			DESIGNED	KO. KAWAMURA	10.03.25
Unless otherwise specified, refer to JIS C 5402.			DRAWN	KO. KAWAMURA	10.03.25
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-127060-00
HRS	SPECIFICATION SHEET		PART NO.	3880-B-18P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL238-2008-2-00	△ 1/2

ATTACHMENT FIGURE



Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO.

ELC4-127060-00



SPECIFICATION SHEET

PART NO.

3880-B-18P

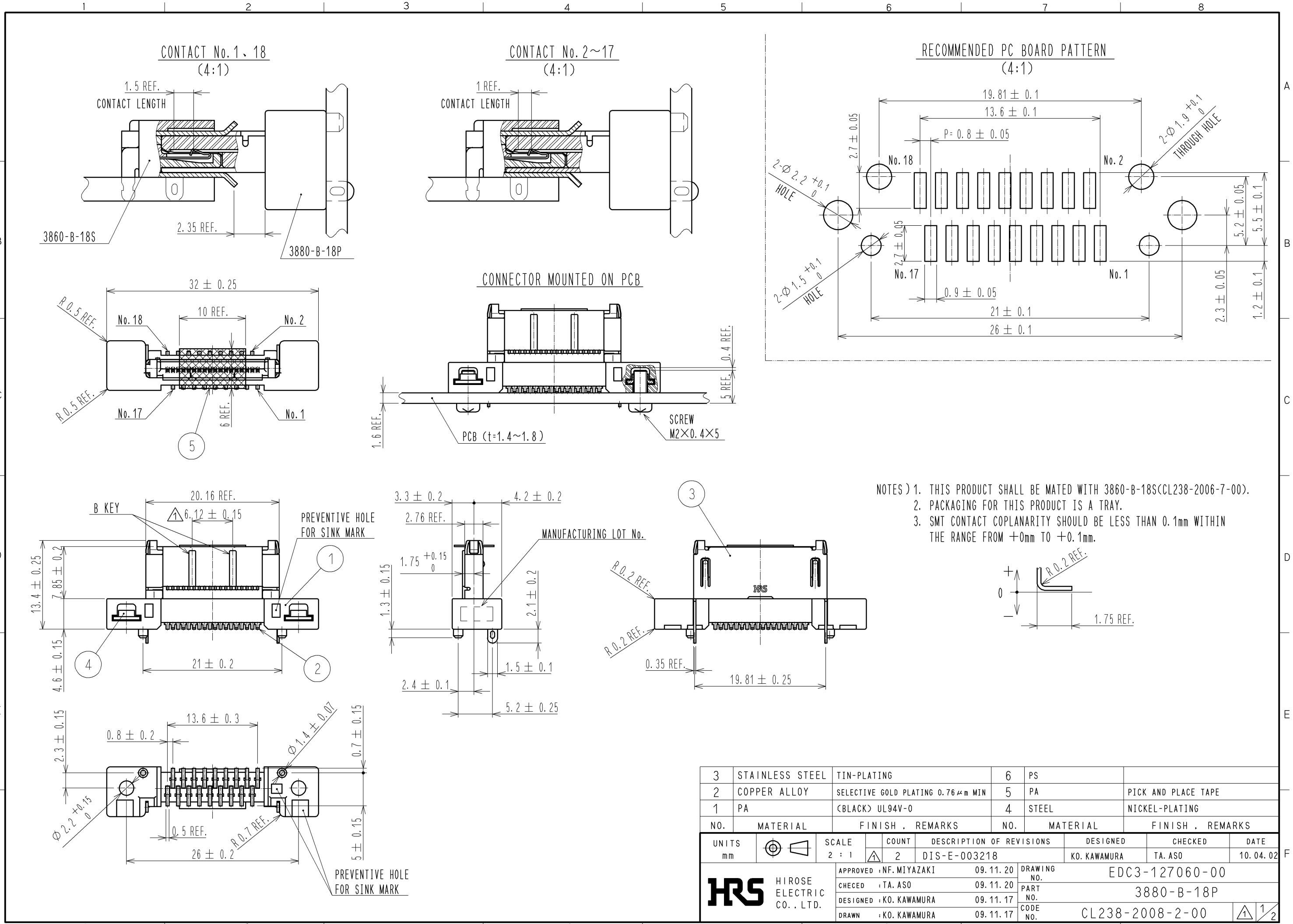
HIROSE ELECTRIC CO., LTD.

CODE NO

CL238-2008-2-00



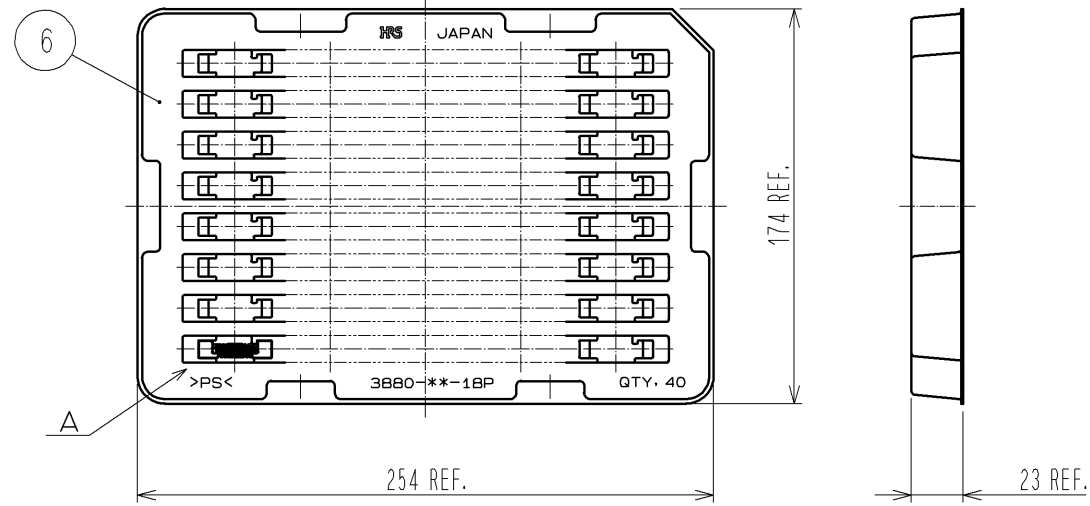
2/2



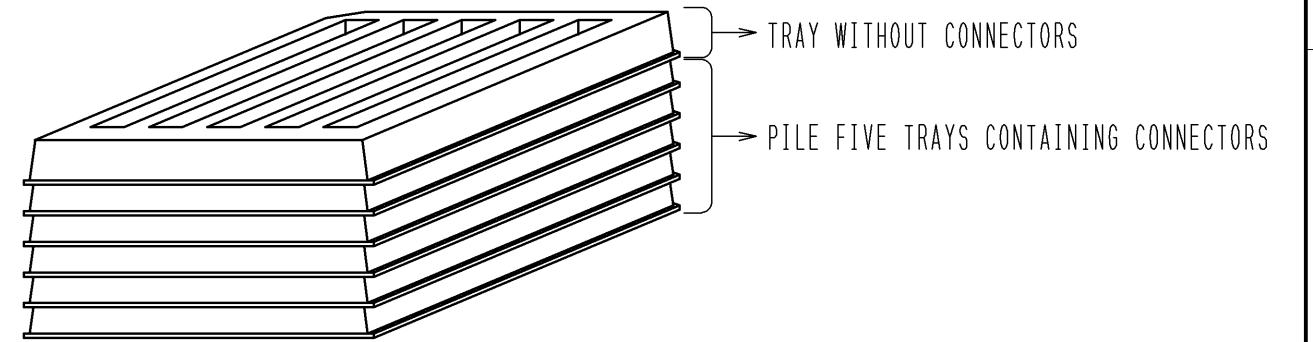
- NOTES) 1. THIS PRODUCT SHALL BE MATED WITH 3860-B-18S(CL238-2006-7-00).
 2. PACKAGING FOR THIS PRODUCT IS A TRAY.
 3. SMT CONTACT COPLANARITY SHOULD BE LESS THAN 0.1mm WITHIN THE RANGE FROM +0mm TO +0.1mm.

3	STAINLESS STEEL	TIN-PLATING	6	PS			
2	COPPER ALLOY	SELECTIVE GOLD PLATING 0.76μm MIN	5	PA	PICK AND PLACE TAPE		
1	PA	(BLACK) UL94V-0	4	STEEL	NICKEL-PLATING		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 2 : 1	COUNT 2	DESCRIPTION OF REVISIONS DIS-E-003218	DESIGNED KO. KAWAMURA	CHECKED TA. ASO	DATE 10.04.02
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : NF. MIYAZAKI 09.11.20	DRAWING NO. EDC3-127060-00				
		CHECKED : TA. ASO 09.11.20	PART NO. 3880-B-18P				
		DESIGNED : KO. KAWAMURA 09.11.17	CODE NO. CL238-2008-2-00				
		DRAWN : KO. KAWAMURA 09.11.17					

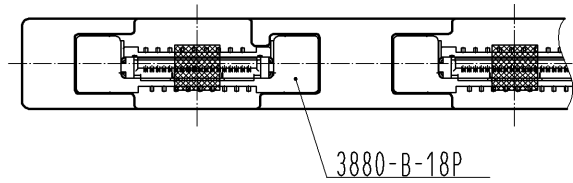
1. PUT CONNECTORS (40 PCS MAX) INTO THE DEDICATED TRAY.



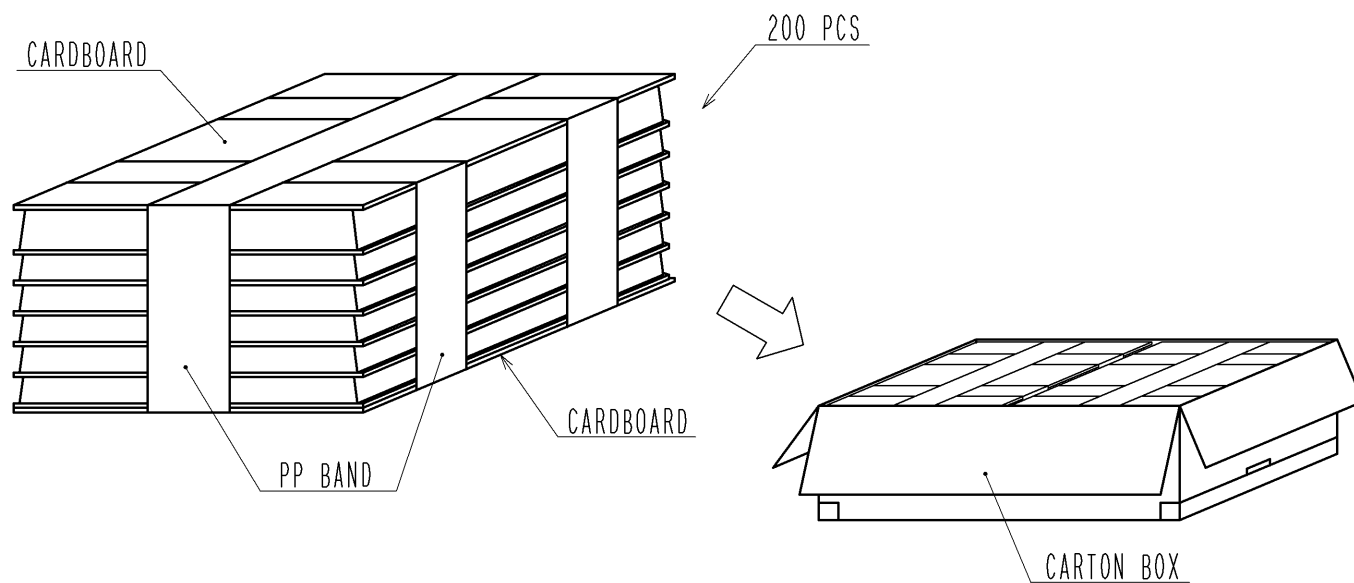
2. PILE FIVE TRAYS CONTAINING CONNECTORS, AND THEN PUT ONE TRAY WITHOUT CONNECTORS ON TOP AS A LID.



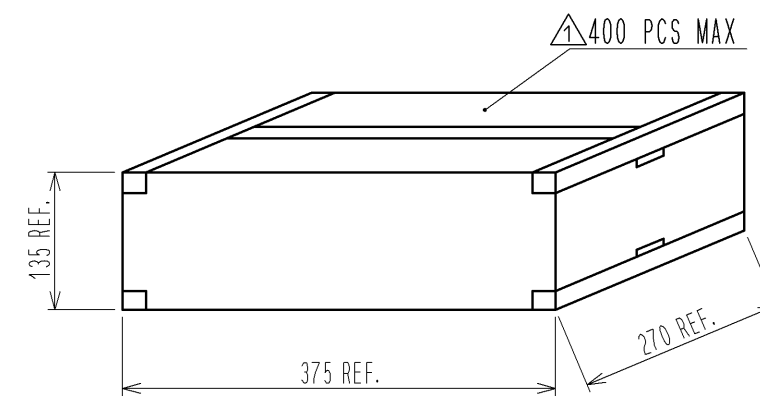
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3. SANDWICH THE TRAYS BETWEEN THE CARDBOARD. BUNDLE THEM WITH PP BAND OR THE SIMILAR. THEN PUT BUNDLES INTO THE CARTON BOX IN TWO ROWS.



4. CLOSE THE CARTON BOX AND SEAL WITH A TAPE



HRS	DRAWING NO.	EDC3-127060-00		2/2
	PART NO.	3880-B-18P		
	CODE NO.	CL238-2008-2-00		