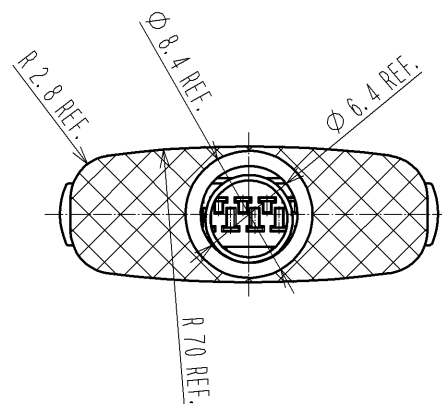


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO 85°C	STORAGE TEMPERATURE RANGE	-40°C TO 60°C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	5 %RH TO 95 %RH	
	CURRENT	No.2 TO No.17 : 0.5 A No.1 AND No. 18 : 1.5 A	APPLICABLE CABLE	JACKET DIAMETER ϕ 6 MAX AWG 28	
SPECIFICATIONS					
ITEM		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 m Ω MAX.	X	—
INSULATION RESISTANCE		250 V DC.	1000 M Ω 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 : 20m Ω 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 10 μ s. 2) AMOUNT OF CHANGE OF CONTACT RESISTANCE : 20m Ω 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 : 20m Ω MAX	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 $\rightarrow$ 5-35 $\rightarrow$ +85 $\rightarrow$ 5-35 °C TIME 30 $\rightarrow$ 2~3 $\rightarrow$ 30 $\rightarrow$ 2~3 min. UNDER 5 CYCLES.	2) INSULATION RESISTANCE: 1000 M Ω 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% RH, FOR 96 h			
RESISTANCE TO SOLDERING HEAT (REFLOW)		REFROUW TWICE UNDER THERECOMMENDED REFROW 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	—
	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.		ELC4-127059-00
	SPECIFICATION SHEET		PART NO.	3840-B-18P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL238-2007-0-00	1/1



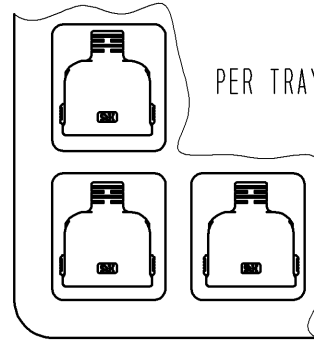
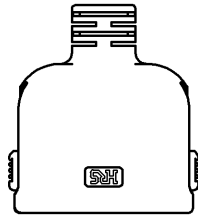
3	COPPER ALLOY	SELECTIVE GOLD PLATING 0.76 μm MIN					
2	COPPER ALLOY	SELECTIVE GOLD PLATING 0.76 μm MIN		5	POLYCARBONATE	(BLACK) UL94V-0	
1	PA	(BLACK) UL94V-0		4	STAINLESS STEEL		
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS	

UNITS mm		SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		2 : 1	1	DIS-E-003218	KO. KAWAMURA	TA. ASO	10. 04. 02

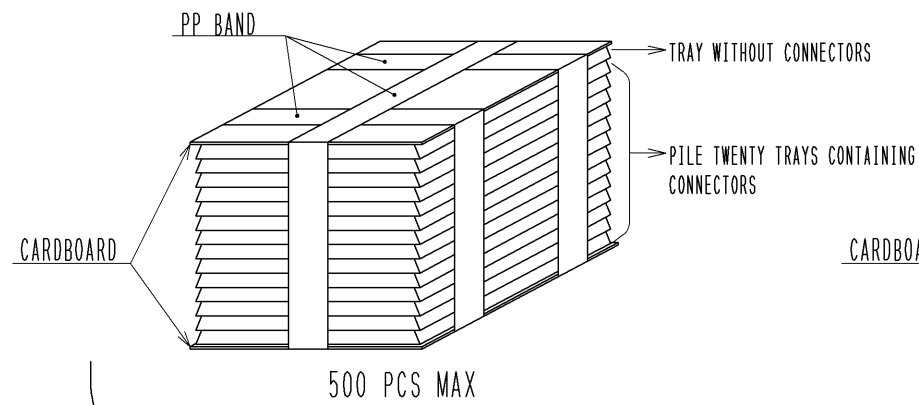
 HRS HIROSE ELECTRIC CO., LTD.	APPROVED : NF. MIYAZAKI	09. 11. 19	DRAWING NO.	EDC3-127059-00	
	CHECED : TA. ASO	09. 11. 18	PART NO.	3840-B-18P	
	DESIGNED : KO. KAWAMURA	09. 11. 18	CODE NO.	CL238-2007-0-00	
	DRAWN : KO. KAWAMURA	09. 11. 18	1 / 2		

[3840-**-18P PACKING SPECIFICATION]

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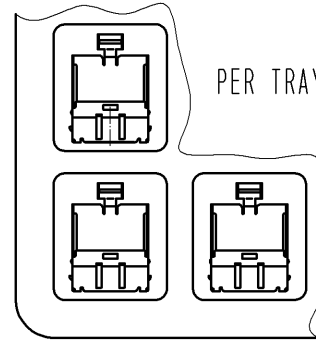
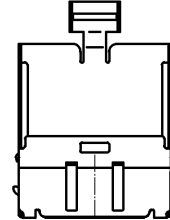


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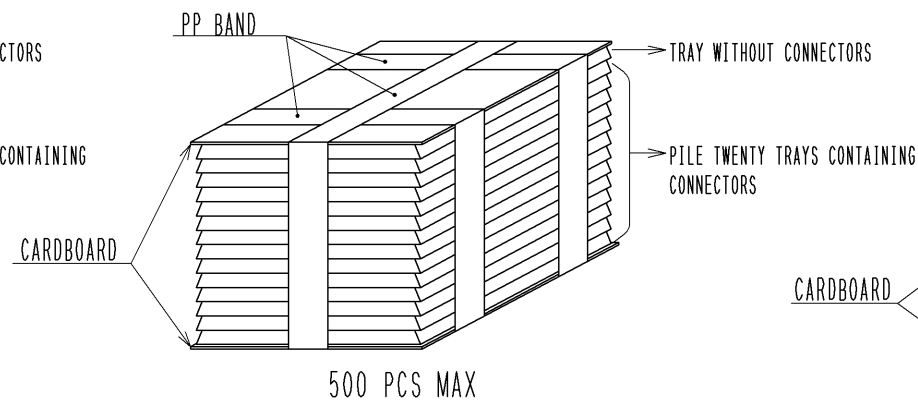


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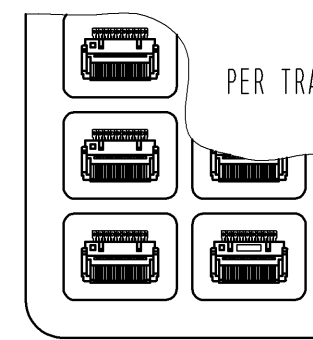
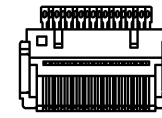


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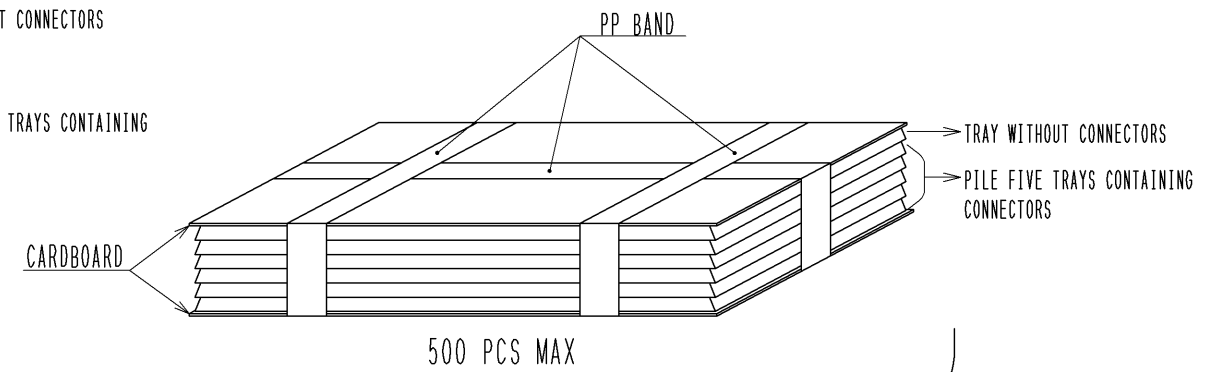


500 PCS MAX

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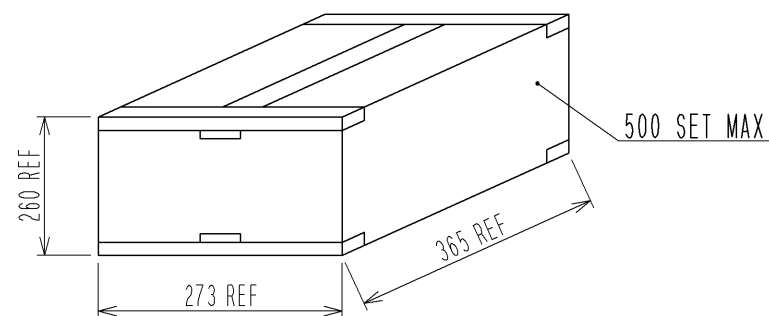


PER TRAY: 100 PCS MAX

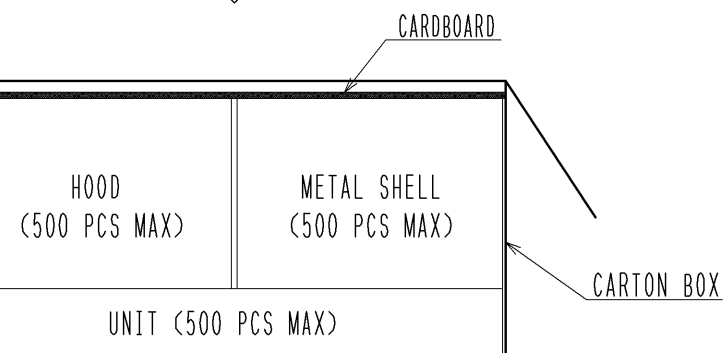


500 PCS MAX

PACKING SPECIFICATION



500 SET MAX

**HRS**

DRAWING NO.	EDC3-127059-00
PART NO.	3840-B-18P
CODE NO.	CL238-2007-0-00

1	2
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