DRAW
то

	COUNT	DESCRIPTION	OF REVI	SIONS	BY	CHKD	DATE	C	COUNT	T DESCRIPTION C	F REVISIONS	BY	CHKD	DAT	ſE
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Λ D		BLE STAN		USI	32.0	SPE	CIFICAT	ION	AN	D	· · · · · · · · · · · · · · · · · · ·	•	•		
АГ	TLICA		DAND	MIC	RO-	USB	CABLES	SANE		DNNECTORS	SPECIFIC)TAC	NC		
		OPERATING TEMPERATUR	E RANGE	-3	0°	СТС	+85	°C	TEM	RAGE IPERATURE RANGE	1	СТС) +8	5 °C	2
RATING		VOLTAGE				AC	30V		OPE RAN	RATING HUMIDITY - % TO				- %)
		CURREN ⁻	1	1 A/p	in								•		
		① SIGNAL	-						LICABLE CABLE			_			
② POWER			APPLY												
\vdash					J.5 A	-i	PIN No.2			NO					
<u> </u>			r				PECIFI	ICA I	10						1
		EM			TES	TME	THOD			REG	UIREMEN	ПS		QT	AT
		RUCTION	I .							1.000000000					T
⊢		XAMINATION					RING INSTI	RUMEN	Π.	ACCORDING TO	DRAWING.			×	X
	RKING		CONFI			LY.	_				····			×	X
-		ICAL CHAI					_			1				X	Ι
		RESISTANCE	-	0 mA (DC OR 1000 Hz).						30 mΩ MAX.				×	
	ULATIO SISTANC		500 V I	00 V DC.					100 MΩ MIN.	100 MΩ MIN.				×	
vo	LTAGE F	ROOF	100 V A	/ AC FOR 1 min.				NO FLASHOVER	OR BREAKD	OWN.		X	×		
CA	PASITAN	ICF		ASURE ADJACENT TWO CONTACTS AT				2 pF MAX				×			
				10Hz A			<u> </u>								
	ERTION	NICAL CHA					mm/min			INSERTION FOR	RCE 35 N	MAX.			1
E .			E	A MAXIMUM RATE OF 12.5mm/min. MEASURED BY APPLICABLE CONNECTOR.					WITHDRAWAL FORCE 8 N MIN.				×	_	
										① CONTACT RE				=	
			10000 TIMES INSERTIONS AND EXTRACTIONS. MATING SPEED					OF MORE THAN 10 mΩ FROM INITIAL VALUE. ② INSERTION FORCE 35 N MAX.							
	CHANIC. ERATIOI											×	—		
		•		- MECHANICALLY OPERATED : 500 CYCLES / h - MANUALLY OPERATED : 200 CYCLES / h					WITHDRAWAL FORCE 8 N MIN. ③ NO DAMAGE, CRACK AND						
			- 1857-714	OALLI	OFLI	AILU	, 200 0 ; 02	_0 / 11		LOOSENESS		,			
					ICY 10 TO 55 Hz,										
VIB	RATION		SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 AXIAL DIRECTIONS, TOTAL 6 h.						① NO ELECTRICAL DISCONTINUITY OF 1 μs.				×		
DA		IRRATION	FREQUENCY 50 TO 2000 Hz, AT 15 min,										×	<u> </u>	
RANDOM VIBRATION		FOR 3 AXIAL DIRECTIONS.						② NO DAMAGE, CRACK AND				<u> </u>			
SHOCK		490m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS,						LOOSENESS, OF PARTS.					_		
			TOTAL	OTAL 18 TIMES.										l	
EN	<u>IV</u> IRO	NMENTAL	,							10 00: == ==	-0.0	70 -			ł
			TEMP $-55 \rightarrow 15 \text{ TO } 35 \rightarrow 85 \rightarrow 15 \text{ TO } 35 ^{\circ}\text{C}$ TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min}$					① CONTACT RESISTANCE: 70 mΩ MAX. ② INSULATION RESISTANCE: 10 MΩ MIN.							
THERMAL SHOCK		UNDER 10 CYCLES. (MATED WITH APPLICABLE CONNECTOR)					③ NO DAMAGE, CRACK AND					_			
							LOOSENESS	OF PARTS.				1			
HUMIDITY LIFE 98		TEMPERATURE -10~65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168 h)					NO DAMAGE, CRACK AND LOOSENESS,				×	-			
			98 %, UNDER 7 CYCLES (188 II) (MATED WITH APPLICABLE CONNECTOR)					OF PARTS.							
REMARKS HIROSE will not guarantee the performance on these				1	RAWN	N DESIGNED CHECKED APPROVED RELEASE					ASED				
		-		-				e	مدل	A m Windlawa	11		u - 1		
	specifications in case this product will be mated with the others which is not HIROSE's. Unless otherwise specified, refer to USB2.0 or EIA364 8-4-14 08-4-14 08-4-14 08-4-14														
others which is not hiroses.															
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test PART NO.															
HIS HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET ZX80-B-5P															
COI	DE NO.(O	LD)		DRAWIN			126722		С	ODE NO.	242 005	 1 ∩			1/
						LU4-	126723				_242-005′	1-0			/2

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REMARKS

HIROSE will not guarantee the performance on these

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	ΑT				
DRY HEAT	EXPOSED AT +85±2 °C , 96 h. (MATED WITH APPLICABLE CONNECTOR)	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	_				
COLD	EXPOSED AT -40±2 °C , 96 h. (MATED WITH APPLICABLE CONNECTOR)	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	_				
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER, 35 °C FOR 48 h. (LEFT UNDER UNMATED CONDITION)	NO HEAVY CORROSION.	×	_				
SOLDERABILITY	SOLDERING POINT IMMERSED IN SOLDER BATH OF 255=5°C, 5sec.(USING TYPE R FLUX)	SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	_				
RESISTANCE TO SOLDERING HEAT	A PROFILE IS SHOWN IN FIG-1, UNDER 2 CYCLES	NO DEFORMATION OR SIGNIFICANT LOOSENESS OF CONTACTS.	×	_				

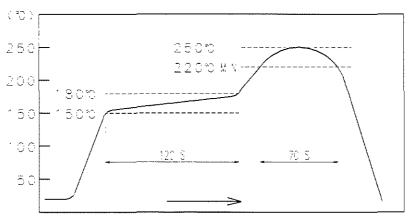


FIG – 1 <u>RESISTANCE TO SOLDERING HEAT</u> (TEMPERATURE AT TOP SURFACE OF CONNECTOR)

■ RECOMMENDED PROFILE REFERS TO FIG – 2. (TEMPERATURE AT SMT LEADS)

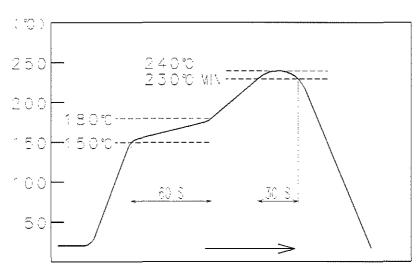


FIG - 2 RECOMMENDED REFLOW PROFILE TEMPERATURE

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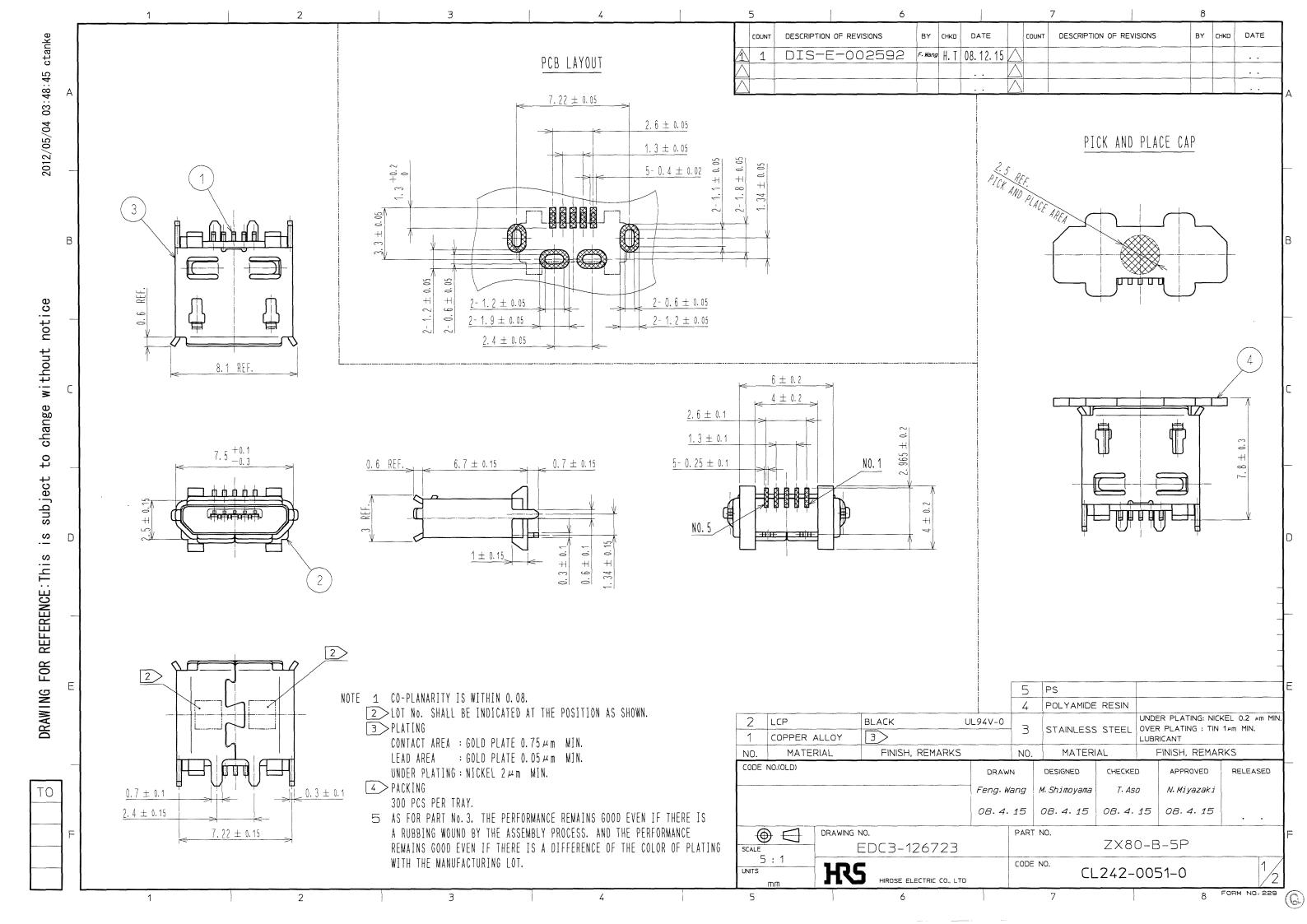
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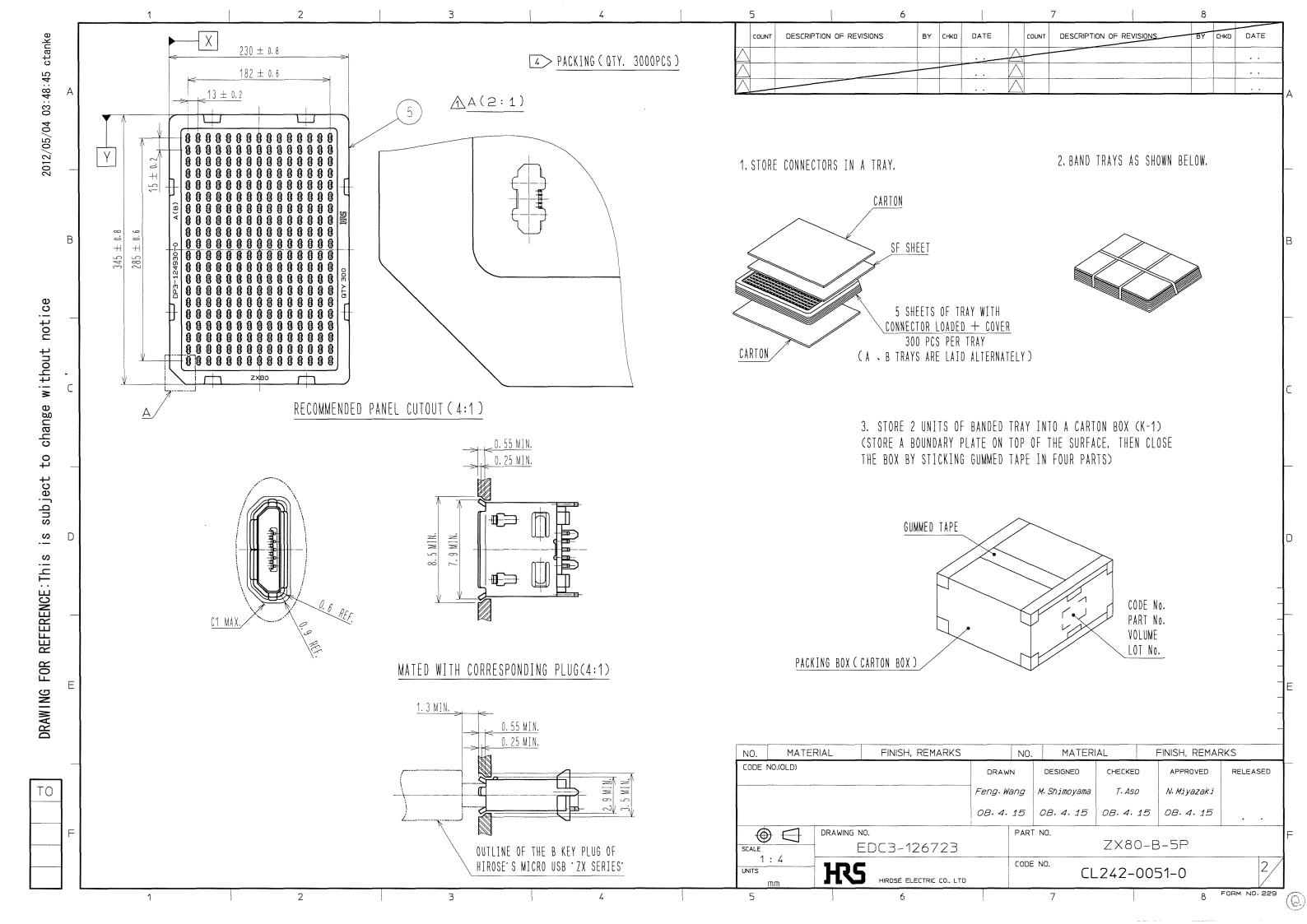
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APPROVED

specifications in case this production others which is not HIROSE's.	uct will be mated with the	1 5		
Unless otherwise specified, refe	er to USB2.0 or EIA364	08.4.15 08	.4.15 08.04.15 08.04.15	
Note QT:Qualification Test AT:Assur	rance Test ×:Applicable Test	i		
HIS HIROSE ELECTRIC CO	SPECIFICA	TION SHEET	PART NO. ZX80-B-5P	
CODE NO.(OLD)	AWING NO. ELC4-126723	CODE NO.	CL242-0051-0	2/2

RELEASED





Mouser Electronics

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Hirose Electric: ZX80-B-5P