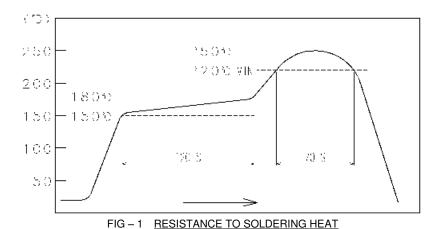
APPLICA	BLE STAN	DARD										
OPERATING TEMPERATUR		E RANGE	−30°C TO +85°	-30°C TO +85°C		RAGE PERATURE RANGE			−30°C TO +85 °C			
DATING	VOLTAGE		30 V AC			OPERATING I		Y	- % TO - %			
RATING CURRENT ① SIGNAL © ② POWER			① 1 A/pin ② 1.8 A/pin (PIN No.1,5) 0.5 A/pin (PIN No.2-4)		APPL	PLICABLE CABLE —						
			SPEC	IFIC/	OITA	NS						
	EM		TEST METHOD				F	REQU	IREMENTS	QT	AT	
CONSTR		T								1		
			LY AND BY MEASURING INSTRUMENT. MED VISUALLY.			ACCORDING TO DRAWING.				X	X	
ELECTRIC CHARACTERI											^	
CONTACT RESISTANCE 10						30 mΩ MAX.				Х	Х	
INSULATION		500 V DC.			100 MΩ MIN.				Х	Х		
RESISTANC		100 V AC FOR 1 min.			NO FL	ASHOVI	ER OF	R BREAKDOWN.	X	X		
CAPASITAN		MEASURE ADJACENT TWO CONTACTS AT			NO FLASHOVER OR BREAKDOWN. 2 pF MAX.			X	<u> </u>			
			1000±10 HZ AC VOLTAGE.			יאן יא	, ,,,			^		
INSERTION	ICAL CHAI		RISTICS IUM RATE OF 12.5 mm/mir	າ.		INSER	TION FO	ORCE	35 N MAX.	T		
_			RED BY APPLICABLE CON		₹.	WITHDRAWAL FORCE 1 N MIN.			Х	_		
MECHANICAI		10000 TIMES INSERTIONS AND EXTRACTIONS. MATING SPEED - MECHANICALLY OPERATED: 500 CYCLES / h - MANUALLY OPERATED: 200 CYCLES / h			≣S/h	 CONTACT RESISTANCE: NO INCREASE OF MORE THAN 10 mΩ FROM INITIAL VALUE. INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 1 N MIN. NO DAMAGE, CRACK AND 			X	_		
VIBRATION SINGLE		SINGLE	UENCY 10 TO 55 Hz, LE AMPLITUDE 0.75 mm, AT 2 h,			LOOSENESS, OF PARTS. ① NO ELECTRICAL DISCONTINUITY OF 1 µs.			Х	-		
EDI			FOR 3 DIRECTIONS, TOTAL 6 h. FREQUENCY 50 TO 2000 Hz, AT 15 min,			② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			, X			
		FOR 3 DIRECTIONS. 490m/s ² DURATIONS OF PULSE 11 ms										
SHOCK AT			3 TIMES FOR 6 DIRECTIONS, TOTAL 18						X	_		
ENVIRO	NMENTAL		ACTERISTICS									
THERMAL SHOCK		TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min}$			 CONTACT RESISTANCE: 70 mΩ MAX. INSULATION RESISTANCE: 10 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 			х	_			
HUMIDITY LIFE		98 %, UN	ERATURE -10~65 °C, HUMIDITY 90 TO UNDER 7 CYCLES (168 h) NG APPLICABLE CONNECTOR)			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			X	-		
DRV HEAT E			OSED AT 85±2 °C , 96 h. TING APPLICABLE CONNECTOR)			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			Х	_		
		(MATING	ED AT -40±2 °C , 96 h. G APPLICABLE CONNECTOR)			OF PA				Х	_	
COBBOSION SALL MIST I			D IN 5 % SALT WATER , 35 °C FO FT UNDER UNMATED CONDITION.)		FOR)	NO HE	EAVY CORROSION.		Х	_		
COUN	T DE	DESCRIPTION OF REVISIONS DE		DESIG	GNED CHECKET		CHECKED	DATE				
A DEPOSITE AND ASSESSED ASSESSED AND ASSESSED								10.07				
REMARK APPROVED NM. NISHIMATSU HIROSE will not guarantee the performance on these specifications in CHECKED KN. ICHIKAWA						15. 10. 27 15. 10. 27						
case this product will be									TS. ITO	15. 10.		
HIROSE's.							DRAWN		AK. AKIYAMA	15. 10. 27		
Unless otherwise specified, refer to USB2.0, E			·									
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						ELC-126145-3						
		PECIFICATION SHEET OSE ELECTRIC CO., LTD.			PART NO.		ZX80-B-5SA (30)		A	1/0		
EODM HDOO11		USE EL	LUTRIU UU., LTD.		CODE NO		CL242-0019-7-30		0019-7-30	<u>M</u>	1/2	

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ				
RESISTANCE TO	A PROFILE IS SHOWN IN FIG-1,	NO DAMAGE, CRACK AND LOOSENESS,	V					
SOLDERING HEAT	UNDER 2 CYCLES.	OF PARTS.	^	_				



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

(TEMPERATURE AT TOP SURFACE OF CONNECTOR)

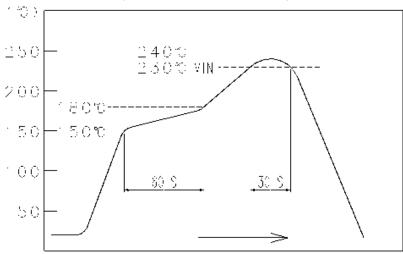


FIG - 2 RECOMMENDED REFLOW PROFILE TEMPERATURE

Note Q	:Qualification Test AT:Assurance Test X:Applicable Test	DRAWIN	NG NO.	ELC-126145-30-00		
R	SPECIFICATION SHEET	PART NO. ZX80-B-5SA (30)				
11.0	HIROSE ELECTRIC CO., LTD.	CODE NO	CL242	2-0019-7-30	A	2/2