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CAPACITANCE	X	-
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INSERTION AND WITHDRAWAL FORCES A MAXIMUM RATE OF 12.5 mm/min MEASURED BY APPLICABLE CONNECTOR. WITHDRAWAL FARCE 10 N MIN. (INITIAL)	X	-
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$\begin{array}{c} - \text{MECHANICALLY OPERATED} : 500 \text{ CYCLES / h.} \\ \text{ or } \\ - \text{ MANUALLY OPERATED} : 200 \text{ CYCLES / h.} \\ \text{ or } \\ - \text{ MANUALLY OPERATED} : 200 \text{ CYCLES / h.} \\ \text{ or } \\ - \text{ MANUALLY OPERATED} : 200 \text{ CYCLES / h.} \\ \text{ WITHDRAWAL FORCE} & 8 \text{ N MIN} \\ 3) \text{ NO DAMAGE, CRACK AND LOOSENESS} \\ \text{ OF PARTS.} \\ \text{VIBRATION} \\ \text{FREQUENCY 10 TO 55 Hz} \\ \text{SINGLE AMPLITUDE 0.75 mm, AT 2h} \\ \text{FOR 3 AXIAL DIRECTIONS,TOTAL 6h.} \\ \text{FOR 3 AXIAL DIRECTIONS,TOTAL 6h.} \\ \text{SHOCK} \\ \text{490 m/s}^2 \text{ DIRECTIONS OF PULSE 11 ms AT 3 TIMES} \\ \text{FOR 6 DIRECTIONS,TOTAL 18 TIMES.} \\ \\ \text{ENVIRONMENTAL CHARACTERISTICS} \\ \text{TEMP } -55 \rightarrow +15 \text{ TO } +35 \rightarrow +85 \rightarrow +15 \text{ TO} +35 \text{ °C}} \\ \text{TIME} & 30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min.} \\ \text{UNDER} & 10 \text{ CYCLES.} \\ \text{(MATING APPLICABLE CONNECTOR)} \\ \text{HUMIDITY LIFE} \\ \text{TEMPERATURE} & -10 \sim 65 \text{ °C, HUMIDITY 90 TO} \\ 98 \%, \text{ UNDER 7 CYCLES (168 h)} \\ PORTO AND AND AND AND AND AND AND AND AND AND$		
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FOR 3 AXIAL DIRECTIONS, TOTAL 6h. RANDOM VIBRATION FREQUENCY 50 TO 2000 Hz AT 15 min FOR 3 AXIAL DIRECTIONS. SHOCK 490 m/s² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS, TOTAL 18 TIMES. ENVIRONMENTAL CHARACTERISTICS THERMAL SHOCK TEMP -55 →+15 TO +35→+85→+15 TO+ 35 °C TIME 30 → 2 TO 3 → 30→ 2 TO 3 min. UNDER 10 CYCLES. (MATING APPLICABLE CONNECTOR) HUMIDITY LIFE FOR 3 AXIAL DIRECTIONS, TOTAL 6h. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 1) CONTACT RESISTANCE: 70 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	_
FOR 3 AXIAL DIRECTIONS. SHOCK 490 m/s² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS, TOTAL 18 TIMES. ENVIRONMENTAL CHARACTERISTICS THERMAL SHOCK $ \begin{array}{cccccccccccccccccccccccccccccccccc$	X	
FOR 6 DIRECTIONS, TOTAL 18 TIMES. ENVIRONMENTAL CHARACTERISTICS THERMAL SHOCK $ \begin{array}{cccccccccccccccccccccccccccccccccc$	Х	-
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THERMAL SHOCK $ \begin{array}{ccccccccccccccccccccccccccccccccccc$		<u> </u>
TIME 30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min. UNDER 10 CYCLES. (MATING APPLICABLE CONNECTOR) HUMIDITY LIFE TEMPERATURE -10 \sim 65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168 h) 2) INSULATION RESISTANCE: 100 M Ω MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		_
(MATING APPLICABLE CONNECTOR) OF PARTS. HUMIDITY LIFE TEMPERATURE -10~65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168 h) OF PARTS. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		
HUMIDITY LIFE TEMPERATURE -10~65 °C, HUMIDITY 90 TO NO DAMAGE, CRACK AND LOOSENESS OF 98 %, UNDER 7 CYCLES (168 h) PARTS.	X	-
98 %, UNDER 7 CYCLES (168 h) PARTS.		
(MATING APPLICABLE CONNECTOR)	X	
	^	
DRY HEAT EXPOSED AT 85 ± 2 °C, 96 h. NO DAMAGE, CRACK AND LOOSENESS OF	Х	
(MATING APPLICABLE CONNECTOR) PARTS. COLD EXPOSED AT -40 ± 2 °C, 96 h. NO DAMAGE, CRACK AND LOOSENESS OF	^-	┢
(MATING APPLICABLE CONNECTOR) PARTS.	Χ	-
CORROSION SALT MIST EXPOSED IN 5 % SALT WATER, 35 °C, FOR 48h. NO HEAVY CORROSION.	Х	
(LEFT UNDER UNMATED CONDITION) SOLDERABILITY SOLDER BATH SOLDER SHALL COVER MINIMUM OF 95 % OF		<u> </u>
OF 255 ± 5 °C,5 sec. (USING TYPE R FRAX) THE SURFACE BEING IMMERSED.	Х	-
RESISTANCE TO A PROFILE IS SHOWN IN FIG-1, UNDER 2 CYCLES. NO DEFORMATION OR SIGNIFICANT		
SOLDERING HEAT LOOSENESS OF CONTACTS.	Х	<u> </u>
COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED	DA	TE
HIDOCC will not guarantee the performance on these enceifications in average	15. 10	
eaco this product will be mated with the others which is not UIDOSE's	15. 10	
Unless otherwise specified, refer to IEC 60512		Λ 27
AN. ANI TAMA	15. 10	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC-127029-30-00	15. 10	
SPECIFICATION SHEET PART NO. ZX360-B-10S-UNIT (30)	15. 10	
	15. 10	

SPECIFICATIONS

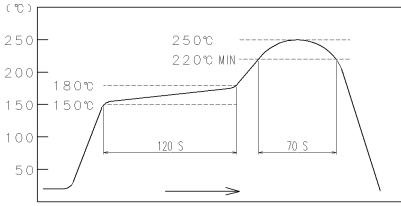


FIG – 1 <u>RESISTANCE TO SOLDERING HEAT</u> (TEMPERATURE AT TOP SURFACE OF CONNECTOR)

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

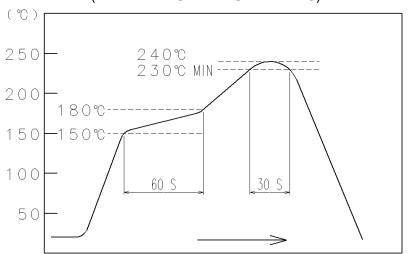


FIG - 2 RECOMMENDED REFLOW PROFILE TEMPERATURE

Note C	QT:Qı	T:Qualification Test AT:Assurance Test X:Applicable Test		IG NO.	ELC-127029-30-00		
R	_	SPECIFICATION SHEET	PART NO.	ZX360-B-10S-UNIT (30)			
π	J	HIROSE ELECTRIC CO., LTD.	CODE NO	CL242-05	01-4-30	\triangle	2/2

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