RATING OPERATING HUMIDITY RANGE OPERATING HUMIDITY RANGE 40   VOLTAGE 100 V AC RANGE 40   CURRENT 0.4 A RANGE 40   SPECIFICATIONS   ITEM TEST METHOD REQUIREMENTS   CONSTRUCTIONS   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   GONTACT RESISTANCE 100 mA (DC OR 1000 Hz). 80 mΩ MAX. <sup>(1)</sup> CONTACT RESISTANCE 100 mA (DC OR 1000 Hz). 80 mΩ MAX. <sup>(1)</sup> MILLIVOLT LEVEL   METHOD 250 V DC 100 MΩ MIN.	) >	AT A A A A A A A A A A A A A A A A A A	
RATING VOLTAGE 100 V AC OPERATING HUMIDITY RANGE 40   CURRENT 0.4 A STORAGE HUMIDITY RANGE 40   SPECIFICATIONS   ITEM TEST METHOD REQUIREMENTS   CONSTRUCTION   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   CONSTRUCTION   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   CONSTRUCTION   GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING.   CONTACT RESISTANCE 100 mA (DC OR 1000 Hz). 80 m Ω MAX. (1)   CONTACT RESISTANCE 20 mV MAX, 1 mA(DC OR 1000Hz) 100 m Ω MAX. (1)   MILLIVOLT LEVEL 20 mV MAX, 1 mA(DC OR 1000Hz) 100 m Ω MAX. (1)   INSULATION 250 V DC 100 MΩ MIN.	) TO 80 % % TO 70 % S Q	QT × × ×	×
CURRENT     0.4 A     STORAGE HUMIDITY RANGE     40       SPECIFICATIONS       ITEM     TEST METHOD     REQUIREMENTS       CONSTRUCTION       GENERAL EXAMINATION     VISUALLY AND BY MEASURING INSTRUMENT.     ACCORDING TO DRAWING.       MARKING     CONFIRMED VISUALLY.     ACCORDING TO DRAWING.       ELECTRIC CHARACTERISTICS     CONTACT RESISTANCE     100 mA (DC OR 1000 Hz).     80 mΩ MAX. <sup>(1)</sup> CONTACT RESISTANCE     20 mV MAX, 1 mA(DC OR 1000Hz)     100 mΩ MAX. <sup>(1)</sup> MILLIVOLT LEVEL     210 mV MAX, 1 mA(DC OR 1000Hz)     100 mΩ MAX. <sup>(1)</sup> INSULATION     250 V DC     100 MΩ MIN.	) X TO 70 %	× × ×	×
CURRENT0.4 ARANGE40SPECIFICATIONSITEMTEST METHODREQUIREMENTSCONSTRUCTIONGENERAL EXAMINATIONVISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.ACCORDING TO DRAWING.GENERAL EXAMINATIONVISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.ACCORDING TO DRAWING.ELECTRIC CHARACTERISTICS80 m Ω MAX.(1)CONTACT RESISTANCE100 mA (DC OR 1000 Hz).80 m Ω MAX.(1)CONTACT RESISTANCE20 mV MAX, 1 mA(DC OR 1000Hz)100 m Ω MAX.(1)MILLIVOLT LEVEL METHOD250 V DC100 MΩ MIN.	S Q	× × ×	×
ITEMTEST METHODREQUIREMENTSCONSTRUCTIONGENERAL EXAMINATIONVISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.ACCORDING TO DRAWING.MARKINGCONFIRMED VISUALLY.ACCORDING TO DRAWING.ELECTRIC CHARACTERISTICS CONTACT RESISTANCE100 mA (DC OR 1000 Hz).80 m $\Omega$ MAX. (1)CONTACT RESISTANCE100 mV MAX, 1 mA(DC OR 1000Hz)100 m $\Omega$ MAX. (2)MILLIVOLT LEVEL METHOD250 V DC100 M $\Omega$ MIN.	) >	× × ×	×
CONSTRUCTION     GENERAL EXAMINATION   VISUALLY AND BY MEASURING INSTRUMENT.   ACCORDING TO DRAWING.     MARKING   CONFIRMED VISUALLY.   ACCORDING TO DRAWING.     ELECTRIC CHARACTERISTICS   CONTACT RESISTANCE   100 mA (DC OR 1000 Hz).   80 m Ω MAX. <sup>(1)</sup> CONTACT RESISTANCE   100 mA (DC OR 1000 Hz).   100 m Ω MAX. <sup>(1)</sup> MILLIVOLT LEVEL   20 mV MAX, 1 mA(DC OR 1000Hz)   100 m Ω MAX. <sup>(1)</sup> MISULATION   250 V DC   100 MΩ MIN.	) >	× × ×	×
GENERAL EXAMINATION   VISUALLY AND BY MEASURING INSTRUMENT.   ACCORDING TO DRAWING.     MARKING   CONFIRMED VISUALLY.   ELECTRIC CHARACTERISTICS     CONTACT RESISTANCE   100 mA (DC OR 1000 Hz).   80 m Ω MAX. <sup>(1)</sup> CONTACT RESISTANCE   20 mV MAX, 1 mA(DC OR 1000Hz)   100 m Ω MAX. <sup>(1)</sup> MILLIVOLT LEVEL   20 mV MAX, 1 mA(DC OR 1000Hz)   100 m Ω MAX. <sup>(1)</sup> METHOD   250 V DC   100 MΩ MIN.	) >	×	
MARKING CONFIRMED VISUALLY.   ELECTRIC CHARACTERISTICS   CONTACT RESISTANCE 100 mA (DC OR 1000 Hz).   CONTACT RESISTANCE 20 mV MAX, 1 mA(DC OR 1000Hz)   MILLIVOLT LEVEL   METHOD   INSULATION   RESISTANCE   250 V DC	) >	×	
ELECTRIC CHARACTERISTICS     CONTACT RESISTANCE   100 mA (DC OR 1000 Hz).   80 mΩ MAX. <sup>(1)</sup> CONTACT RESISTANCE   20 mV MAX, 1 mA(DC OR 1000Hz)   100 mΩ MAX. <sup>(1)</sup> MILLIVOLT LEVEL   20 mV MAX, 1 mA(DC OR 1000Hz)   100 mΩ MAX. <sup>(1)</sup> METHOD   250 V DC   100 MΩ MIN.	) >	×	~
CONTACT RESISTANCE100 mA (DC OR 1000 Hz).80 m Ω MAX. (1)CONTACT RESISTANCE20 mV MAX, 1 mA(DC OR 1000Hz)100 m Ω MAX. (1)MILLIVOLT LEVEL METHOD250 V DC100 MΩ MIN.INSULATION RESISTANCE250 V DC100 MΩ MIN.			
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD20 mV MAX, 1 mA(DC OR 1000Hz)100 m Ω MAX.MILLIVOLT LEVEL METHOD100 m Ω MAX.100 m Ω MAX.INSULATION RESISTANCE250 V DC100 M Ω MIN.	(2)	×	
METHOD INSULATION 250 V DC 100 MΩ MIN. RESISTANCE			
INSULATION 250 V DC 100 MΩ MIN. RESISTANCE			
RESISTANCE	>	×	
VOLTAGE PROOF   300 V AC FOR 1 min.  NO FLASHOVER OR BREAKDO			
	WN.	×	
MECHANICAL CHARACTERISTICS INSERTION AND MEASURED BY APPLICABLE CONNECTOR. INSERTION FORCE : 56.0 M			
WITHDRAWAL FORCE   WITHDRAWAL FORCE : 56.0 M		×	
MECHANICAL 50 TIMES INSERTIONS AND EXTRACTIONS. ① CONTACT RESISTANCE:100		×	
OPERATION 2 NO DAMAGE, CRACK AND L OF PARTS.			
VIBRATION FREQUENCY 10 TO 55 Hz, (1) NO ELECTRICAL DISCONTIN	NUITY OF	×	
AMPLITUDE : 1.5 mm,1 µs.2 hrsIN3 DIRECTIONS.(2) CONTACT RESISTANCE:100	$m = M \wedge \chi^{(2)}$		
SHOCK 490 m/s <sup>2</sup> , DURATION OF PULSE 11 ms 3 NO DAMAGE, CRACK AND L		×	
FOR 3 TIMES IN 3 DIRECTIONS. OF PARTS.			
ENVIRONMENTAL CHARACTERISTICS			
DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 hrs. ① CONTACT RESISTANCE:100 (STEADY STATE)		×	
(STEADY STATE) ② INSULATION RESISTANCE:1 RAPID CHANGE OF TEMPERATURE-55→+15~+35→ +85→+15~+35°C ③ NO DAMAGE, CRACK AND L		×	
TEMPERATURE TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min OF PARTS. 5 CYCLES.			
CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR ① CONTACT RESISTANCE:100 48 hrs. ② NO DEFECT SUCH AS CORF		×	
HYDROGEN SULPHIDE     EXPOSED     IN     3     PPM     FOR     96 hrs.     WHICH IMPAIRS THE FUNCT CONNECTOR.	TION OF	×	
RESISTANCE TO 1) REFLOW SOLDERING : 250 °C MAX, NO DEFORMATION OF CASE O		×	
SOLDERING HEAT : 220 °C MIN, EXCESSIVE LOOSENESS OF TI FOR 60 s TERMINALS.	HE		
2) SOLDERING IRONS : 360 °C,	>	×	
FOR 5 s			
SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, A NEW UNIFORM COATING OF 240°C, SHALL COVER A MINIMUM OF 9		×	
FOR IMMERSION DURATION, 3 sec. THE SURFACE BEING IMMERSI		-	
	ED	DAT	Ē
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKER	ED I	DAT	Ē
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKING     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKING     REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ,   APPROVED   NH. N/		DAT 3. 02	
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKED     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKED   HI. N/     REMARK <sup>(1)</sup> THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 m Ω, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE.   APPROVED   NH. N/	AKATA 18		. 28
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKED     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKED     REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE.   APPROVED   NH. NJ CHECKED     (2) AFTER TEST, THE CHANGE OF THE CONTACT RESISTANCE   HT. YAM   CHECKED   HT. YAM	AKATA 18 Naguchi 18	3. 02	. 28
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION     COUNT   DESCRIPTION OF REVISIONS   DESIGNED     COUNT   DESCRIPTION OF REVISIONS   DESIGNED   CHECKI     Marchine   BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE.   (2)   AFTER TEST, THE CHANGE OF THE CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE.   APPROVED   NH. N/     CHECKED   HT. YAM   DESIGNED   CHECKED   HT. YAM     BHALL BE 20 mΩ MAX.   DESIGNED   TY.ED	AKATA 18 MAGUCHI 18 DAGAWA 18	3. 02 3. 02	. 2 . 2 . 2
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     Image: transmission duration of the subscription of the subscriptic the subscription of the subscription of t	AKATA 18 MAGUCHI 18 DAGAWA 18	3. 02 3. 02 3. 02 3. 02 3. 02	. 2 . 2 . 2
FOR IMMERSION DURATION, 3 sec.   THE SURFACE BEING IMMERSION DURATION, 3 sec.     Image: transmission duration of transmission duration duration of transmission duration of transmission duration duratindex duratindex duratindex duration duration duratindex duration	AKATA 18 MAGUCHI 18 DAGAWA 18 INOUE 18 150882-68-0	3. 02 3. 02 3. 02 3. 02 3. 02	. 20