APPLICA	BLE STAN	IDARD										
	OPERATING TEMPERATURE RANGE		-40°C TO 85°C(NOTE 1)		TEM	STORAGE FEMPERATURE RANGE		Е	-10°C TO 60°C			
RATING	VOLTAGE		30V AC/DC			LICABLE INECTO			BM24-24DS/2-0. 35		V (**)	
CURRENT		SIGNAL CONTACT: 0.25A										
			POWER CONTACT: 5.0A	(NOTE 2)							
	•		SPEC	IFICA	TIO	NS						
ITEM			TEST METHOD			REQUIREMENTS			QT	АТ		
CONSTRUCTION											1	
GENERAL E	EXAMINATION	VISUALL	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				Х	
MARKING		CONFIRMED VISUALLY.							X	Χ		
	IC CHARA											
		20mV AC OR LESS 1kHz,1m A .			Signal contact resistance: 100 $$ m Ω MAX. Power contact resistance: 15 $$ m Ω MAX.				Х	_		
	INSULATION RESISTANCE		100V DC.			100MΩ MIN.				X	-	
VOLTAGE PROOF		150V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				Х	_	
MECHAN	NICAL CHA	ARACTE	ERISTICS									
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.				 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				X	_	
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz,APPROX 5min, SINGLE AMPLITUDE 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 					-	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 					_	
ENVIRO	NMENTAL	CHAR	ACTERISTICS			1					ı	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → +85°C TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHANBER : WITHIN 2-3 min)			 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. INSULATION RESISTANCE: 100MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				. X	_		
DAMP HEAT (STEADY ST		EXPOSE	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. INSULATION RESISTANCE: 50MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				Х	_	
SULPHUR DIIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%. (REFER TO JIS C 60068)				 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR. 				Х	_	
COUN	IT DI	ESCRIPTION	ON OF REVISIONS		DESIG	SNED			CHECKED	DATE		
⚠												
REMARKS	LIDE THE TEMP	FRATI IPE	ATURE RISING BY CURRENT. POWER CONTACTS IS 4A/PIN IN CASE MAX 0.3A/PIN IS					/ED	TY. 00 I	2023042		
NOTE2: RATE	ED CURRENT F	OR POWER							RT. SHIMIZU	202304		
APPLIED TO SIGNAL CONTAC Unless otherwise specified, refe			CTS. er to JIS C 5402 and IEC 60512.			DESIGNED			PAN YIWEI	20230424		
	•					DRAWN RAWING NO.			PAN YIWEI 20230424 ELC-353451-51-03			
RS SPECIFICATION SHEET					PART			BM2	24-24DP/2-0. 35V (51)			
L/O			ECTRIC CO., LTD.		CODE NO		CL0677-2005-0-51			<u> </u>	1/1	
11111			JOL LLLOTRIC CO., LTD.			CODE NO.		0L0011-2000-0-01 2			1/ 1	