APF	PLICA	3LE	STAN	DARD										
		OPERATING TEMPERATURE		E RANGE	-40°C TO 85°C(NO	FF 4\		PRAGE  MPERATURE RANGE  PLICABLE  NNECTOR		Е	-10°C TO 60°C BM24-30DS/2-0. 35\			
RATING		VOL	TAGE		30V AC/DC								5V (51)	
		CUF	RRENT		SIGNAL CONTACT: 0.25A									
					POWER CONTACT: 5.0A	(NOTE	2)							
					SPEC			NS						
	ITI				TEST METHOD	11 10/	1110		D	EOU	IREMENTS	QT	AT	
CONSTRUCTION					TEST METHOD			REQUIREMENTS				Q I	AI	
				VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				Х	Х	
MAR	KING			CONFIRMED VISUALLY.								Х	Х	
ELE	CTRI	СС	CHARA	CTERIS	STICS									
CONTACT RESISTANCE				20mV AC OR LESS 1kHz,1m A .				Signal contact resistance: 100 $$ m $\Omega$ MAX. Power contact resistance: 15 $$ m $\Omega$ MAX.				Х	-	
INSULATION RESISTANCE				100V DC.				100MΩ MIN.				Х	-	
VOLTAGE PROOF				150V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN.								Х	_	
ME	CHAN	ICA	AL CHA	RACTE	ERISTICS							<u> </u>	1	
MECHANICAL OPERATION				10TIMES INSERTIONS AND EXTRACTIONS.				<ol> <li>Signal contact resistance: 100 m Ω MAX.</li> <li>Power contact resistance: 15 m Ω MAX.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				Х	_	
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.				Х	_	
SHOCK				490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				<ol> <li>NO ELECTRICAL DISCONTINUITY OF 1 μs.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				Х	_	
EΝ\	VIRON	IME	ENTAL	CHARA	ACTERISTICS							_U	1	
RAPID CHANGE OF TEMPERATURE				TEMPERATURE -55 → +85°C  TIME 30 → 30 min  UNDER 5 CYCLES.  (RELOCATION TIME TO CHANBER: WITHIN 2-3 min)				<ol> <li>Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX.</li> <li>INSULATION RESISTANCE: 100MΩ MIN.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				Х	_	
DAMP HEAT (STEADY STATE)				EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				<ol> <li>Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX.</li> <li>INSULATION RESISTANCE: 50MΩ MIN.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				Х	_	
SULPHUR DIIOXIDE				EXPOSED IN 25 PPM FOR 96h,25°C,75%. (REFER TO JIS C 60068)			<ol> <li>Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX.</li> <li>NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR.</li> </ol>				Х	_		
	COUN	Г	DE	SCRIPTION	ON OF REVISIONS		DESI	GNED			CHECKED	DA	ATE	
◮														
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT								MO. ISHIDA	15. 12. 14					
NOTE2: RATED CURRENT FOR POW					ER CONTACTS IS 4A/PIN IN CASE MAX 0.3A/PIN IS			8	CHECK		TS. MIYAZAKI		12. 14	
APPLIED TO SIGNAL CONTACT Unless otherwise specified, refer								DESIGNED			NY. YAMASHIRO KR. AJITO	15. 12. 14 15. 12. 11		
								RAWING NO.		IN	ELC-356935-53-01			
Н	35		SPECIFICATION SHEET				PART NO.			BM24-30DP/2-0. 35V (53)				
		HIROSE EI			LECTRIC CO., LTD.		CODE NO.		CL	CL677-2007-5-53			1/1	