APPLICA	BLE STAN	NDARD									
	OPERATING TEMPERATU	RE RANGE	-35°C TO +85°C(NOTES 1)		PRAGE PERATURE RANGE		SE	-10°C TO +60°C			
RATING	VOLTAGE		30V AC		APPLICABLE CONNECTOR				DF37*-60DS-0. 4V (*		
	CURRENT		0. 3A								
			SPEC	IFIC/	OITA	NS					
1-	ГЕМ		TEST METHOD				REQUIREMENTS QT AT				
CONSTR	RUCTION										
GENERAL EX	AMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X
MARKING		CONFIRMED VISUALLY.								X	X
	IC CHAR										
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1m A .				100mΩ MAX.				Х	-
INSULATION RESISTANCE		100V DC.			50MΩ MIN.				Х	-	
VOLTAGE PROOF		100V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				Х	_	
MECHAI	VICAL CH	ARACTI	ERISTICS			•				•	
INSERTION A		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE 59.5 N MAX.				X	_
		AOTIMEO INOEDTIQUO AND EVER ACTIONS					EXTRACTION FORCE 11.7 N MIN.				<u> - </u>
MECHANICAL OPERATION		10TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 100mΩ MAX. ② 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.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				Х	_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			 ① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				X	_	
ENVIRO	NMENTAI	CHAR	ACTERISTICS								<u> </u>
RAPID CHANGE OF		TEMPERATURE -55→ 5 TO 35→+85→5 TO 35 °C				① cor	NTACT R	ESIST	ANCE: 100mΩ MAX		
TEMPERATURE		TIME $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX min}$ UNDER 5 CYCLES.			② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	-	
DAMP HEAT		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: 100mΩ MAX.						
(STEADY STATE)					② INSULATION RESISTANCE: 25MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	_	
SULPHUR DIIOXIDE		EXPOSE	XPOSED IN 25 PPM FOR 96h,25°C,75%.							X	_
COUN					DESI	GNED CHECKED			CHECKED	DATE	
<u>A</u>							I	1			
REMARKS NOTE1: INCL	UDE THE TEM	PERATURE	ERATURE RISING BY CURRENT			APPROVED		_	KH. IKEDA	09. 03. 03	
							CHECKE		TS. MIYAZAKI	09. 03. 03	
Unless oth	erwise spec	ified refer	to JIS C 5402.			DESIGNE		_	RT. SHIMIZU	09. 03. 03	
						DRAWN		VIN	AK. AOYAGI	09. 02. 25	
						RAWING NO.		חר	ELC4-308604-02		
HS		SPECIFICATION SHEET			PART NO.		DF37C-60DP-0. 4V (53)				414
	HII	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL	CL684-3029-1-53 🛕 1/			