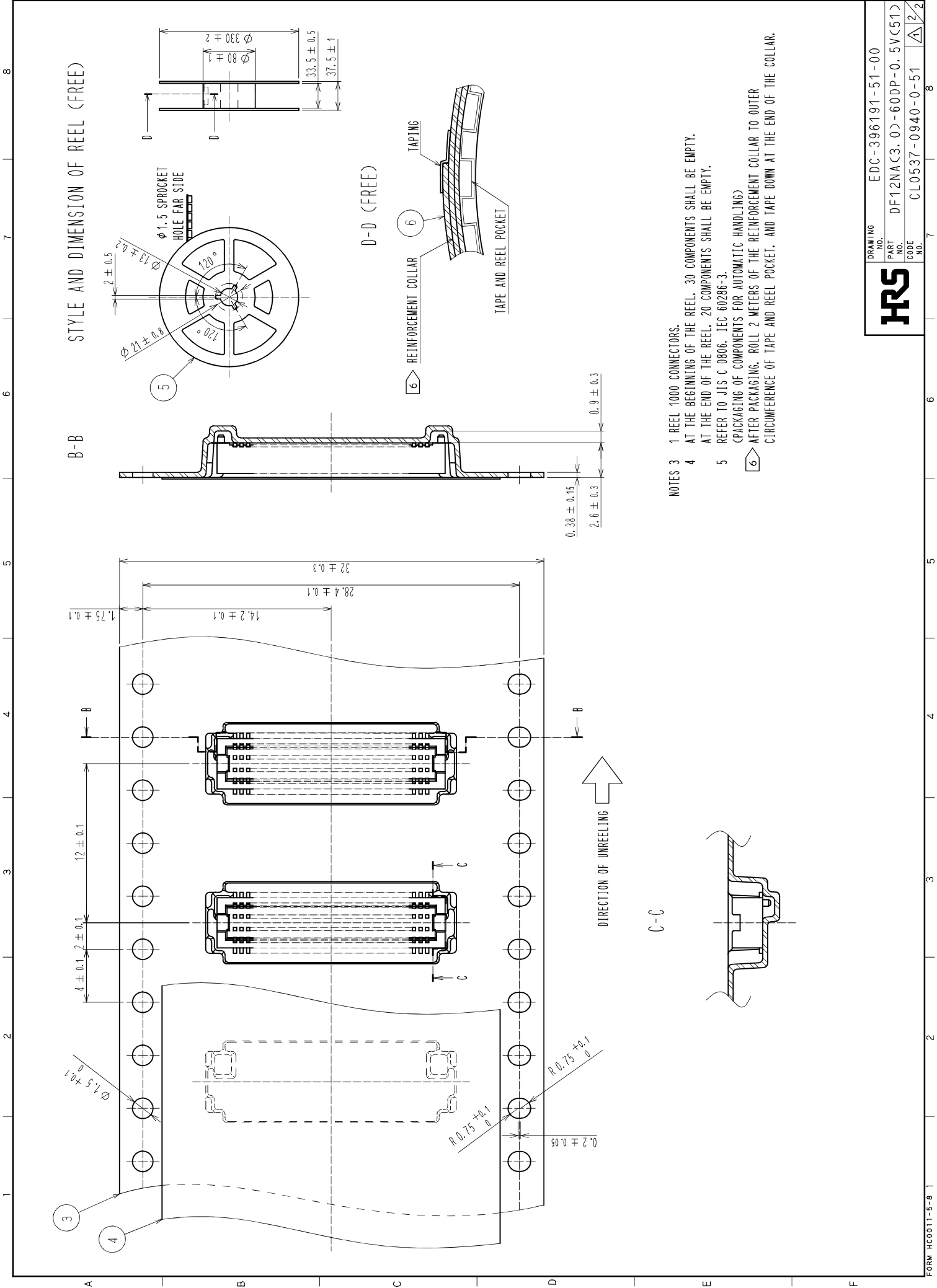


参考図: 本製品を車載用途などの高い信頼性が求められる機器にご使用の場合は、弊社までお問い合わせください。
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APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 125 °C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C (NOTES 2)	
	VOLTAGE	50 V AC			
	CURRENT	0.3 A			
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	20 mV AC OR LESS 1 kHz, 1 mA.	50 mΩ MAX.	X	—	
INSULATION RESISTANCE	100 V DC	500 MΩ MAX	X	—	
VOLTAGE PROOF	150 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	50 TIMES INSERTIONS AND WITHDRAWALS.	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
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 AND LOOSENESS OF PARTS.	X	—	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -65 → -15 TO 35 → 125 → 15 TO 35 °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
SULPHUR DIOXIDE	EXPOSED IN 25 PPM RH 75 % FOR 96 h. (TEST STANDARD: JEIDA-39)	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.	X	—	
HEAT RESISTANCE OF SOLDERING	[RECOMMENDED TEMPERATURE PROFILE] 《SOLDERING AREA》 MAX250°C, 220°C FOR 60 SECONDS MAX. 《PREHEATING AREA》 150 TO 180°C 90~120 SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. [RECOMMENDED MANUAL SOLDELING CONDITION] SOLDERING IRON TEMPERATURE 350°C SOLDERING TIME : WITHIN 3 SECONDS.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	X	—	
REMARKS					
NOTES1: INCLUDING THE TEMPERATURE RISE BY CURRENT.					
NOTES2: STORAGE IS DEFINED AS LONG-TERM STORAGE OF UNUSED PRODUCTS.					
APPLY OPERATION TEMPERATURE RANGE TO PRODUCTS MOUNTED ON PCB WITHOUT POWER SUPPLY.					
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
			APPROVED	WR. FUKUCHI	20210409
			CHECKED	TS. MIYAZAKI	20210409
			DESIGNED	RT. OSAKI	20210409
			DRAWN	RT. OSAKI	20210409
Note	QT: Qualification Test AT: Assurance Test X: Applicable Test		DRAWING NO.	ELC-396191-51-00	
	SPECIFICATION SHEET		PART NO.	DF12NA (3. 0) -60DP-0. 5V (51)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	GL0537-0940-0-51	△ 1/1



STYLE AND DIMENSION OF REEL (FREE)

B-B

D-D (FREE)

C-C

- NOTES
- 1 REEL 1000 CONNECTORS.
 - 4 AT THE BEGINNING OF THE REEL, 30 COMPONENTS SHALL BE EMPTY.
 - 4 AT THE END OF THE REEL, 20 COMPONENTS SHALL BE EMPTY.
 - 5 REFER TO JIS C 0806, IEC 60286-3.
(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
 - 6 AFTER PACKAGING, ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET, AND TAPE DOWN AT THE END OF THE COLLAR.

HRS	DRAWING NO.	EDC-396191-51-00
	PART NO.	DF12NA(3,0)-60DP-0.5V(S1)
	CODE	CL0537-0940-0-51
	NO.	2/2