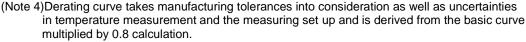
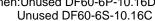
		ANDARD											
			-55°C TO + 105°C (NOTE 1)				STORAGE		-10°C TO + 60°C (NOTE 3)				
RATING	TEMPERATURE RANGE OPERATING						TEMPERATURE RANGE			40% T0 70% (NOTE 3) DF60-8SC (F) A (##)			
			20% TO 80% (NOTE 2)				HUMIDITY RANGE		3)				
	GURRENT (*1	CURRENT (*1)		AWG8 42A APPLICABLE AWG10 34A CONTACT						F60-1012S			
	Rated voltage		AWG12 28A Rated current			VOLTAGE			1000V AC/DC				
											degree		
			AWG8	AWG8:55A/AWG10:50A/AWG12:40A							ii dogree		
UL	600V	AC/DC	(AT AMBIENT TEMP. 25°C) (NOTE 5)										
C-UL		AC/DC				CMAX)	_					—	
ΤÜV	600V	AC/DC									(Note 7)		
				SPEC	IFICA	TIOI	NS						
	ITEM		TI	EST METHOD				F	REQUI	REMENTS		QT	A
CONSTRUCTION													
SENERAL E	XAMINATION	I VISUALI	LY AND BY ME	ASURING INSTRU	JMENT.		ACCO	RDING T	O DR	AWING.		Х	Х
			IRMED VISUALLY.			1				Х	Х		
ELECT	RIC CHA	RACTER	ISTICS										
NSULATI			V DC.				1000) MΩ MIN					
RESISTAN	-											Х	-
/OLTAGE	PROOF	3000	V AC FOR 1	min.			NO FL	ASHOVE	ER OR	BREAKDOW	Ν.	х	_
			FERISTIC	9									
									CRACL			Т	
	IN .	1.5 mm	REQUENCY 10 TO 500 Hz, TOTAL AMPLITUDE .5 mm, Acceleration of 98 m/s ² , AT 2 h, FOR 3				NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				Х	_	
		DIREC		,	, -	_							
SHOCK 490 m/			0 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES										
FOR 3			3 DIRECTIONS.			PARTS.				X	-		
	traction force			er housing fixatio	on.		49N MIN					Х	_
			RACTERIS										
DAMP HE		EXPOS	SED AT 40 \pm	2 °C, 90 TO 95	%, 96 h.		<u> </u>		N RES	ISTANCE: 10	00MΩ	x	
(STEADY STATE)						MIN NO			ACK OR LOO		^	_	
								PARTS.	E, UK/		SEINE 33		
			TEMPERATURE -55°C→ +105°C			-	-	N RES	ISTANCE: 10	00MΩ			
			TIME 30min→ 30min				MIN.				Х	-	
		····	R 25 CYCLES				~		E, CR/	ACK OR LOO	SENESS		
		(THE T min)	RANSFERRI	NG TIME OF THI	ETANKI	S 2-3	OF PA	RIS.					
		,	R LEAVING T		PERATU	RE							
		FOR 1			-								
(AFTI			XPOSED AT 105 ± 2°C, 250h			 INSULATION RESISTANCE: 1000MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS 				Х	-		
		FOR 1-	FOR 1-2h.)				② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						
Cold		Expose	d at -55±3°C, 96h			(1) Contact resistance: $2m_{\Omega}$ MAX.				Х	_		
0010		Expoor					(2) Insulation resistance: $1000M_{\Omega}$ MIN.				~		
							 No damage, crack or looseness of parts 						
								-					ĺ
Remarks													
	de the tempera	ature rising by	current.										
Note2:No co Note3:Apply		on of long term	storage for un	used products befor	re mount o	n pcb,							
		· · ·	-	d humidity range is a	applied for			during tran	sportati				
	INT	DESCRIPT	TION OF REV	/ISIONS	DESIG		INED		CHECKED		DA	TE	
<u>6</u> \													
Unless otherwise specified , refer to IEC 60512.							APPRO		HS. OKA		18.0		
						CHECKED			ST. WAI	ST. WADA		18.03.16	
							DESIGNED		NED	TT. OHSAKO		18.0	3. 1
							DRAWN		VN	TT. OHSAKO		18.0	3. 1
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						DF	DRAWING NO. ELC-379271-00				0–00)	
				pp		Dr	57 W V II V				5211 0	5 00	,
LDC SPECIFICATION SHEET P/						PART	NO.	DF60F-3S-10. 16C					
									000	4000 0 0		A	1/1
	I H	IKUSE E		CO., LTD.		CODE	NO.	l Cl	-080-	-4002-0-0	JU []	∂	1/2



(Note 5)The value of rated current differs depending on the ambient temperature.

It is recommended to use the product within the derating curve zone.

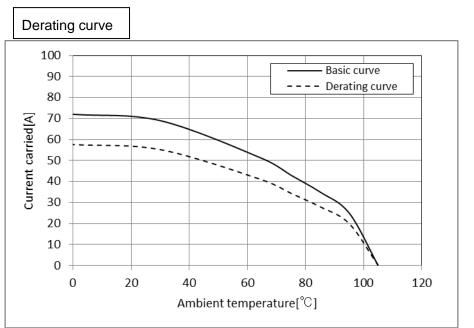
(Note 6) Measurement method of derating curve is shown below. • Test specimen:Unused DF60-6P-10.16DS(27).

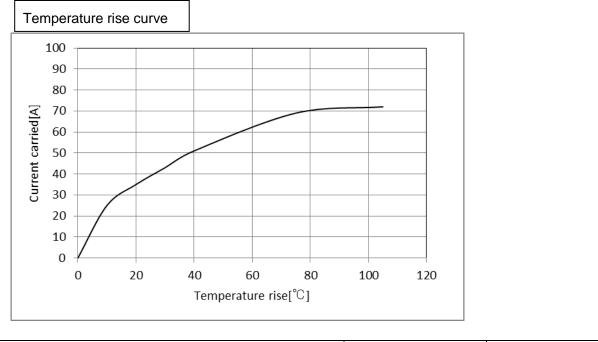


- Unused DF60-8SCFA
- Test cable spec:AWG 8
- Test condition: Turn on electricity under the static state and measure.
- (Test report # TR680E-20802)

(Note 7) Refer to "ETAD-H0653-00".

[Reference]





Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	Drawin	g no.	ELC-379271-00-00			
HRS	Specification sheet	Part no.	DF60F-3S-10. 16C				
	Hirose electric co., ltd.	Code no.	CL680	0-4002-0-00	∕ð	2/2	

FORM HD0011-2-1