	LE STANDA	KD	UL approved(E52653)		1+0×0 T	mn ovet			
Operating Temperature		Range	-25°C to +85°		Storage Ter Range	nperature	perature -10°C to +60		
Rating	Voltage		AC,DC 125 V AC,DC 250 V (UL		Wire Size		16 AWG MAX		
	Current		10 A			Cable			
	Odificit		SPECIFICATION						
				JIFICATIC	JNO			Т	
	TEM		TEST METHOD			REQL	JIREMENTS	QT	Α
CONSTRU		T			<u> </u>			Ιχ	
General Exam	nination	Examined visually and with a measuring instrument.			Accordi	According to the drawing.			X
Marking	NAL OLIABAC	Confirmed v						Х	Х
	CAL CHARAC	1						Х	Х
Contact Resistance Insulation Resistance		Measured at DC 1A. Measured at 500 V DC.				5 mΩ MAX.			^
						1000 MΩ MIN.			
Voltage Proof			applied for 1 min.		No flash	over or breakdo	own.	Х	Х
	CAL CHARA	CTERISTIC							_
Contact Insertion and Extraction Forces Mating and Unmating Forces Mechanical Operation		Measured with a ϕ 0.872 $\overset{+0.003}{0}$ steel gauge.				Insertion and extraction forces: 0.2 N MIN.			-
		Measured with an applicable connector.				Mating and unmating forces: 30 N MAX. (Without lock)			-
		Mated and unmated 500 times.			Contact	Contact resistance: 10 mΩ MAX.			_
Vibration .		Frequency: 10 Hz to 55 Hz to 10 Hz			1) No el	1) No electrical discontinuity of more than 10 μs.			
		Single amplitude: 0.75 mm			2) No da	2) No damage, cracks or looseness of parts.		Х	-
			over 10 cycles, at 5 minutes pe	r cycle, in each	of				
		three mutually perpendicular directions.					" (" 10	<u> </u>	
Shock		Acceleration: 490 m/s², Half sine wave pulses of 11 ms. Performed 3 times in each of three mutually perpendicular				 No electrical discontinuity of more than 10 μs. No damage, cracks or looseness of parts. 			
		directions.	times in each of three mutuali	iy perpendicular	2) NO 08	amage, cracks o	or looseness of parts.	Х	-
FNVIRONI	MENTAL CH		ISTICS						
Damp Heat, Steady State		Subjected to a temperature of +40°C, at a humidity of 90 to				ation resistance	: 10 MΩ MIN.	T	
		95% for 96 hours.			(At h	igh humidity)		Х	-
						2) Insulation resistance: 100 MΩ MIN. (When dry)			
					3) No da	amage, cracks o	or looseness of parts.		
Rapid Change	of Temperature	Temperature	Temperature: -55 \rightarrow R/T ⁽¹⁾ \rightarrow +85 \rightarrow R/T $^{\circ}$ C			1) Insulation resistance: 100 MΩ MIN.			
		Time: $30 \rightarrow 2$ to $3 \rightarrow 30 \rightarrow 2$ to 3 min			2) No da	2) No damage, cracks or looseness of parts.			-
		for 5 cycles.							
Corrosion Salt Mist		Subjected to 5% salt spray for 48 hours.				No heavy corrosion which impairs functionality.			
Corrosion Salt	l IVIISt	Subjected to	5% salt spray for 48 hours.		No heav	y corrosion wni	ch impairs functionality.	Х	
	t iviist		5% salt spray for 48 hours. 5 +85°C for 96 hours.			-	ch impairs functionality.	X	
Dry Heat Cold		Subjected to	0 +85°C for 96 hours.		No dam	age, cracks or l	<u> </u>		_
Dry Heat		Subjected to Subjected to Soldering iro) +85°C for 96 hours.	ırface for 5±1 s	No dam	age, cracks or lo	ooseness of parts.	Х	
Dry Heat Cold Resistance to		Subjected to Subjected to Soldering iro	0 +85°C for 96 hours. 0 -55°C for 96 hours. on is placed to the soldering su		No dam No dam No defo	age, cracks or leage, cracks or leage, cracks or leage, cracks or league	poseness of parts.	x x	
Dry Heat Cold Resistance to Heat Solderability		Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C)		No dam No dam No defo S. Solderir	age, cracks or leading age, cracks age, cracks or leading age, crack	poseness of parts. poseness of parts. ssive looseness of terminals.	X	
Dry Heat Cold Resistance to Heat Solderability		Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering su perature +350 ± 10°C) on is placed to the soldering su	ırface for 2 to 3	No dam No dam No defo S. Solderir wetted a	age, cracks or leading age, cracks or leading age, cracks or leading age. The second age of the secon	poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, de-	x x	
Dry Heat Cold Resistance to Heat	Soldering	Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C)	urface for 2 to 3	No dam No dam No defo S. Solderir wetted a	age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted a leading and un-wetted a leading penetration in ubbles emitted	poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, de- reas and other defects.	x x x	
Dry Heat Cold Resistance to Heat Solderability Sealing ⁽²⁾	Soldering 2)	Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the inside	urface for 2 to 3 . de of the mated	No dam No dam No defo S. Solderir wetted a No wate	age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted a leading and un-wetted a leading penetration in ubbles emitted	poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector.	x x x x x x x	
Dry Heat Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾	Soldering 2)	Subjected to Subjected to Soldering irro (Iron tip tem Soldering irro (Iron tip tem Subjected to 17.6 kPa of connector for	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds.	urface for 2 to 3 . de of the mated	No dam No dam No defo S. Solderir wetted a No wate No air b connect	age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted a leading and un-wetted a leading penetration in ubbles emitted	poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the	x x x x x x x	
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN	Soldering 2)	Subjected to Subjected to Soldering irro (Iron tip tem Soldering irro (Iron tip tem Subjected to 17.6 kPa of connector for	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS	urface for 2 to 3 . de of the mated	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED	age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted a leading and un-wetted a leading penetration in ubbles emitted	poseness of parts. poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the CHECKED	X X X X DA	9061
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN 1 2 NOTES	Soldering 2)	Subjected to Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo ESCRIPTIO DIS-C	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS	urface for 2 to 3 . de of the mated	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED	age, cracks or leading age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted age or penetration in ubbles emitted to or.	poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the CHECKED HN. TANAKA	X X X X X DA 2019	9061 3051
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN A 2 NOTES (1) R/T : Roo	Soldering 2) IT DI om Temperature	Subjected to Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo ESCRIPTIO DIS-Co	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS	urface for 2 to 3 . de of the mated DE KN.	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED IKEHARA	age, cracks or leading age, cracks or leading age, cracks or leading and un-wetted ager penetration in ubbles emitted to or.	poseness of parts. poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the CHECKED HN. TANAKA YH. YAMADA HY. KOBAYASHI	X X X X X A A A A A A A A A A A A A A A	9061 3051 3051
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN A 2 NOTES (1) R/T : Roo (2) Sealing ar	Soldering IT Di	Subjected to Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo ESCRIPTIO DIS-Co	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS -00003269	urface for 2 to 3 de of the mated KN.	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED IKEHARA	age, cracks or lange, c	coseness of parts. coseness of parts. coseness of parts. coseness of parts. coseness of terminals. coseness of parts. coseness of	X X X X X A A A A A A A A A A A A A A A	9061 3051 3051 3051
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN A 2 NOTES (1) R/T : Roo (2) Sealing ar Unless oth	Soldering IT Di om Temperature nd Air Tightness herwise spe	Subjected to Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo ESCRIPTIO DIS-Co	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS -00003269	triface for 2 to 3 de of the mated KN. pplicable conne C 5402)	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED IKEHARA	age, cracks or leading and un-wetted a prepenetration in ubbles emitted for. APPROVED CHECKED DESIGNED DRAWN	poseness of parts. poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the CHECKED HN. TANAKA YH. YAMADA HY. KOBAYASHI	X X X X X A A A A A A A A A A A A A A A	9061 3051 3051 3051 3051
Cold Resistance to Heat Solderability Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN COUN COUN COUN COUN COUN COUN COU	Soldering IT DI om Temperature nd Air Tightness herwise spe	Subjected to Subjected to Subjected to Soldering iro (Iron tip tem Soldering iro (Iron tip tem Subjected to 17.6 kPa of connector fo ESCRIPTIO DIS-Co s are tested incified, references	o +85°C for 96 hours. o -55°C for 96 hours. on is placed to the soldering superature +350 ± 10°C) on is placed to the soldering superature +350 ± 10°C) o a depth of 1.8 m for 48 hours. air pressure applied to the insider 30 seconds. N OF REVISIONS -00003269 on mated condition with an apper to IEC 60512. (JIS	de of the mated DE KN. pplicable conne C 5402)	No dam No dam No defo S. Solderir wetted a No wate No air b connect SIGNED IKEHARA	age, cracks or leading and un-wetted a prepenetration in ubbles emitted for. APPROVED CHECKED DESIGNED DRAWN	poseness of parts. poseness of parts. poseness of parts. ssive looseness of terminals. be free from pin-holes, dereas and other defects. to the connector. from the inside of the CHECKED HN. TANAKA YH. YAMADA HY. KOBAYASHI HY. KISHI HY. KISHI	X X X X X A A A A A A A A A A A A A A A	3051 3051 3051 3051 3051