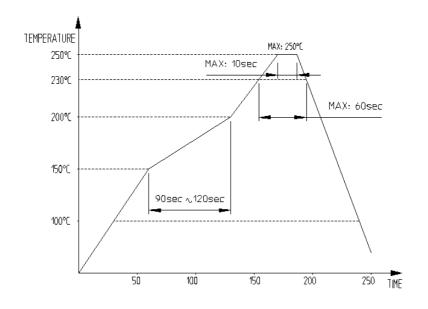
L	REV	COUNT DE	SCR	IPTION OF REV	ISIONS	BY	CHKD	DATE	REV	COUNT	DES	CRIPTION OF REV	ISIONS	BY	CHKD	DA	ΤE	
ļ	<u>/1\</u>	– Revis				LSH	LHJ	18.03.30								<u> </u>		
ŀ	<u>/2\</u>	– Revis	sed			LSH	LHJ	18.04.09										
l		APPLICABL	LE S	TANDARD	US	ВВ Туре	-C Cab	le and	Connec	ctor Spe	ecific	ation Release 1.	3					
		RATING		CURRENT		0 1.50A 0 0.25A				O (i.e. A	.1, A	.4, A9, A12, B1,	B4, B5	i, B9, B	12)			
	VOLTAGE				20	20V AC												
L	OPERATING CONDITION				-4	-40℃ ~ +85℃ (INCLUDING TEMP. RISE), 95 % RH max. (NON-CONDENSING)												
STORAGE CONDITION					-10	−10℃ ~ +60℃ (WITH PACKING), 15 % ~ 70 % RH										—		
Para. Test Description					Test Procedure						Test Requirement				QΤ	АТ		
	1	Examina	ation	of product	EIA 36 Visual i	4-18 inspectio	n				١	No physical damag	е.			О	0	
I	Elect	rical Requ	irem	nents	•													
er information.	2			Contact ance	EIA 364-23  Measure at 20 mV max open circuit at 100 mA (DC OR 1000 Hz).  4-wire measurement is required and the resistance of PCB termination shall be deducted from the reading.									0	_			
ative tor turtr	3 Dielectric Withstanding Voltage			EIA 364-20 Measure per Method B with unmated condition. 100V AC RMS for 1 minute at sea level.					١	No disruptive discharge.				0	_			
g g 4 Insulation Resistance			EIA 364-21 500V DC with unmated and mated condition.					1	100MΩ min.				0	_				
E K	Mech	anical Red	quire	ements	ı													
mban	5	Inse	ertior	n force	EIA 36 Measui	4-13 re at 12.	5 mm/m	inute m	n.		Initial & after test : 5N ~ 20N					0	_	
t a co	6	Extra	actio	n force	EIA 36 Measui	4-13 re at 12.	5 mm/m	inute mi	n.			nitial: 8N ~ 20N After test: 6N ~ 20	N (with	virgin pl	0	_		
7 Durability			EIA 364-09 Mated 10,000 times Mechanically operated: 500 cycles/hr Mating stroke: 2.75 mm Insertion, extraction force shall be measured at a maximum speed of 12.5 mm/min					0	The image is a constant of the constant of th				0	_				
	8	Rando	om \	Vibration	Mated betwee 15 min	4-28 ondition specime in 20 to utes in e dicular p	ns to 3. 500 Hz ach of 3	10 G's F	MS			2 No discontinuity	of 1us c			0	_	
Ţ	REMA	RKS						DR	AFT	DES	IGN	CHECK	APPF	ROVAL	REL	EASI	E	
Unless otherwise specified reference the specification for USB Type-			·C. FIA364															
								1/.1	1.14	17.1	1.14	1/.11.14	1/.1	1.14				
H			ICAT	ION TEST, AT	: ASSUI		EST, O	: Applica	able Tes	st	- After test: 6N ~ 20N (with virgin plug)  ① No physical damage. ② No discontinuity of 1us of longer duration when mated connector during test.  O - SIGN CHECK APPROVAL RELEASE  PARK H.J.LEE TS.KANG  1.14 17.11.14 17.11.14							
	DWG N		1–6	32317		CL NO	CL 6240-0008-8				}							
#\$ HIROSE KORE			A.C	O.,L	ΓD		PF	RODU	JCT	SPECIFIC	CATI	ON	1					

	Para.	Test Description	Test Procedure	Test Requirement	QT	ΑТ				
	Environmental Requirements									
	9	Temperature Life	EIA 364-17, Method A 105 °C without applied voltage for 120 hours.	No physical damage.	0	_				
	10	Cyclic Temperature and Humidity	EIA 364-31 25±3 °C at 80±3 % RH for 1 hour. 65±3 °C at 50±3 % RH for 1 hour. Thermal ramp: 0.5 hour Number of cycles: 24 cycles	No physical damage.						
iotive,	11	Thermal Shock	EIA 364-32, Test Condition I 10 cycles -55 °C and +85 °C	No physical damage.	0	_				
ornasion.	12	Solderability	EIA 364-52 Dwell in 245±5 °C of the solder bath for 5 sec.	Solder coverage shall be 95% min. of the immersed surfaces.	0	_				
ability, su urther inf	13	Salt Spray	EIA 364-26 5 % of NaCl in 35 ℃ for 48 hours.	No corrosions that affect to the connector operation.	0	_				
gn level of fella esentative for f	12 13 14 .REMAR	Reflow test	Reflow profile [Fig.1] Peak 250 °C max for 10 sec 2 times.	Co-planarity     Before & after Reflow 0.1 max.     No deformation of mold     No shape of blister and popcorn						
a III epre	REMAR	RKS								
ernanus mpany r		TEMPERATI								
n uc a cc		250	MAX: 250°C MAX: 10sec / MAX: 10sec / MAX: 250°C							
acti		230	- I - I\-	_						
			MAX: 60sec							
e mat me application please contact a		200								
ıal t ples										
=   D		150	·c	\						



[Fig.1] REFLOW TEMPERATURE

NOTE) QT: QUALIFICATION TEST, AT: ASSURANCE TEST, O: Applicable Test									
	DWG NO	CL NO	PART NO						
	ELC4-632317	CL 6240-0008-8	CX90M-16P						

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PRODUCT SPECIFICATION

					Test	Group			
Para.	Test Description	Α	В	С	D	E	F	G	
1	Examination of product	1	1	1	1	1	1	1	
2	Low Level Contact Resistance	2, 4	2, 10	2, 4	2, 4	2, 4		2, 4	
3	Dielectric Withstanding Voltage		3, 11						
4	Insulation Resistance		4, 12						
5	Insertion force		5, 8						
6	Extraction force		6, 9						
7	Durability		7						
8	Random Vibration	3							
9	Temperature Life			3					
10	Cyclic Temperature and Humidity				3				
11	Thermal Shock					3			
. 12	Solderability						2		
13	Salt Spray							3	
14	Reflow Test								
14 REMAR	Reflow Test	e sequence	correspon	ading to eac	ch test gro	up.		3	

NOTE) QT : QUALIFICATION TEST, AT : ASSURANCE TEST, O : Applicable Test DWG NO CL NO PART NO ELC4-632317 CL 6240-0008-8 CX90M-16P

HS HIROSE KOREA.CO.,LTD

PRODUCT SPECIFICATION