REV	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	REV	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
1	-	Revised	JSK	LHJ	19.10.07	3	-	RE-2-1426(M.P. Release)	JSK	LHJ	20.02.11
2	-	Revised	JSK	LHJ	20.01.16	4	-	Revised	KYG	LHJ	21.08.31

APPLICABLE STANDARD		Universal Serial Bus Type-C Cable and Connector Specification Release 2.1 Universal Serial Bus Type-C Connectors and Cable Assemblies Compliance Document Revision 2.1b
RATING	CURRENT	1.25A max. for each power pin (i.e. A1, A4, A9, A12, B1, B4, B5, B9, B12) 0.25A for the other pins
	VOLTAGE	20V AC/DC
OPERATING CONDITION		-20℃ ~ +80℃ (INCLUDING TEMP. RISE), 95% RH max. (NON-CONDENSING)
STORAGE CONDITION		-30℃ ~ +80℃ (WITH PACKING), 15% ~ 70% RH

Para.	Test Description	Test Procedure	Test Requirement	QT	AT
1	Examination of product	Visual inspection.	No physical damage.	O	O
Electrical Requirements					
2	Voltage Drop	Testing voltage : 20V DC Testing current : 3A	250mV for GND and 500mV for VBUS	O	-
Mechanical Requirements					
3	Cable Pull Out	EIA 364-38B Fix the head part of the cable Apply 40N min of steady state axial load to the cable at 500mm from the edge of the plug for one minute.	No discontinuities greater than 1μs No physical damage.	O	-
4	Cable Flex	EIA 364-41 Mated condition. Speed : 13 cycle/min Cycle : 100 cycles Angle : Total 120° (left & right each 60°) Load : 1lbf (4.45N)	No discontinuities greater than 1μs No physical damage.	O	-
5	4 Axis Continuity	Perpendicular moments are applied to the plug with a 5mm ball tipped probe. 20N force at 15mm from receptacle shell for 10 seconds in four directions of up or down and left or right.	No discontinuities greater than 1μs duration in any of the four orientations tested.	O	-

REMARKS	DRAFT	DESIGN	CHECK	APPROVAL	RELEASE
	J.H.BOO 19.03.25	J.H.BOO 19.03.25	H.J.LEE 19.03.25	H.J.LEE 19.03.25	ENG 21.08.31 DEPT

NOTE) QT : QUALIFICATION TEST, AT : ASSURANCE TEST, O: Applicable Test

DWG NO	CL NO	PART NO
ELC4-632946-00	CL 6240-0030-7-000	CX60-24S-1000-CS

HRS HIROSE KOREA.CO.,LTD | PRODUCT SPECIFICATION | 1/2

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Qualification Test Sequence Table

Para.	Test Description	Test Group	
		A	B
1	Examination of Product	1	1
2	Voltage Drop	4	
3	Cable Pull Out	2	
4	Cable Flex	3	
5	4 Axis Continuity		2

REMARKS
1) Numbers in the table above indicate the sequence corresponding to each test group.

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