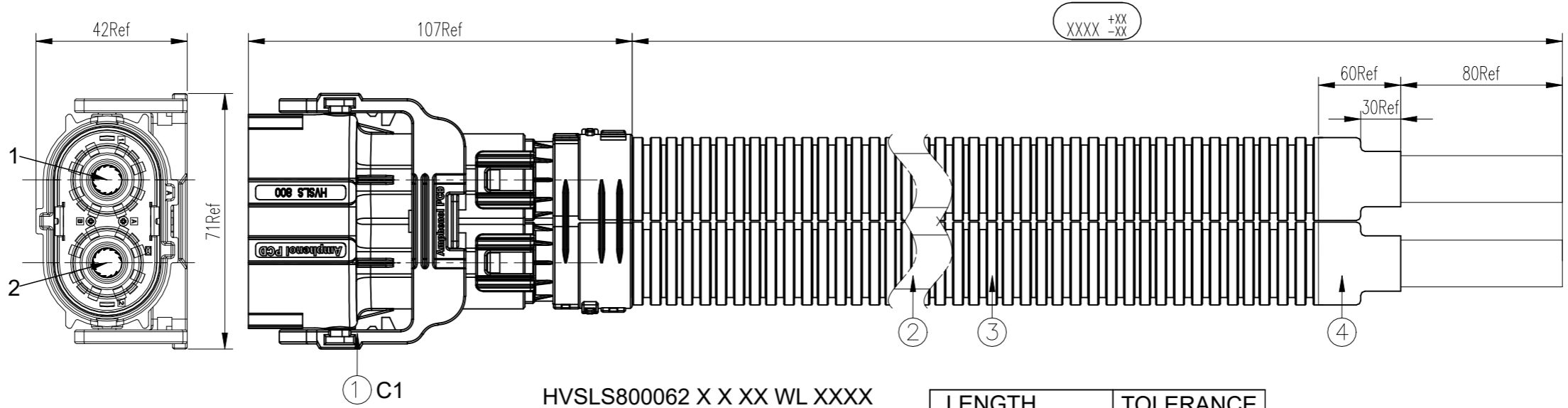


REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2021.10.26	David.Duan

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



HVSL800062 X X XX WL XXXX

A	KEY A
B	KEY B

1: WITH HVIL
0: WITHOUT HVIL

LENGTH	TOLERANCE
0~1000MM	+25 -10
1001~5000MM	+40 -10
>5000MM	+50 -20

CABLE NO.	CABLE	WAVE TUBE	H.S.T
25	25mm ² C210005202	C210005202	C210006501
35	35mm ² C210005101	C210005204	C210006502
50	50mm ² C210005105	C210005205	C210000089

*Notes:

- Cable assembly data:
 - Rated Voltage: 1000V DC
 - Rated Current: 120A MAX (25mm² Cable)
 - 150A MAX (35mm² Cable)
 - 180A MAX (50mm² Cable)
 - 5A MAX (WITH HVIL)
 - Operating Temperature: -40°C ~ +125°C
 - Insulation Resistance: 200MΩ Min
 - Withstand Voltage: 3000V/AC r.m.s
 - 660V/AC r.m.s (WITH HVIL)
 - IP-Class: IP67 (Mated)
 - Mating Cycles: 50 Times
 - Rohs Compliance
 - Ambient Temperature: -40°C ~ +70°C
- Connector reference: C-HVSL800062X1XX
 - The cable should be fixed at 100mm max from the rear of connector
 - Cable bending radius: (5XOD)

WIRE LIST

- C1-1 ORANGE
- C1-A WITH HVIL
- C1-B WITH HVIL
- C1-2 ORANGE

④	C210006501	Ø19 DOUBLE-WALL H.S.T BLACK	0.12	m
	C210006502	Ø25 DOUBLE-WALL H.S.T BLACK	0.12	m
	C210000089	Ø30 DOUBLE-WALL H.S.T BLACK	0.12	m
③	C210005202	PA WAVE TUBE ID14.3mmXOD18.5mm ORANGE	AR	m
	C210005204	PA WAVE TUBE ID17mmXOD21.2mm ORANGE	AR	m
	C210005205	PA WAVE TUBE ID21mmXOD25mm ORANGE	AR	m
②	C210005103	25mm ² SHIELDED ORANGE OD11.9±0.3	AR	m
	C210005101	35mm ² SHIELDED ORANGE OD14.2±0.4	AR	m
	C210005105	50mm ² SHIELDED ORANGE OD16.5±0.3	AR	m
①	HVSL800062XXXX	CONNECTOR:HVSL800062XXXX	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM CAD FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°		Amphenol PCD Shenzhen		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	ENGR David.Duan 2021.10.26	HVSL800062A PLUG CABLE ASSEMBLY		
		CHKD Rouli.chen	SIZE A3	DWG NO. C-HVSL800062XXXXWLXXXX	REV 1
		APPD Ben	SCALE SHEET 1 OF 1		

C-HVSL800062XXXXWLXXXX

C-HVSL800062XXXXWLXXXX