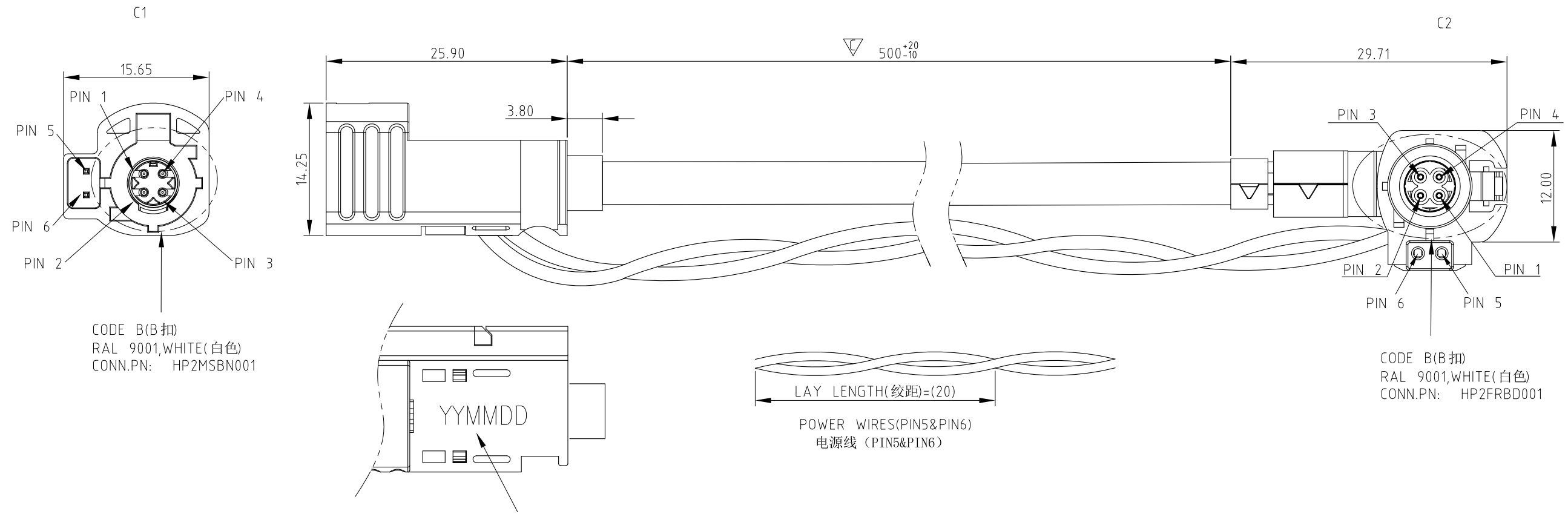


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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASED	4/18'23	Dam



CODE B(B扣)  
RAL 9001,WHITE(白色)  
CONN.PN: HP2MSBN001

CODE B(B扣)  
RAL 9001,WHITE(白色)  
CONN.PN: HP2FRBD001

DATE CODE(日期代码):  
YY: YEAR (年)  
MM: MONTH (月)  
DD: DAY (日)

WIRE DIAGRAM  
接线图

C1 PIN#	WIRE COLOR 芯线颜色	C2 PIN#
1	BLUE(蓝色)	1
2	ORANGE(橙色)	2
3	GREEN(绿色)	3
4	BROWN(棕色)	4
SHELL	BRAID(编织)	SHELL
5	BROWN(棕色)	5
6	VIOLET(紫色)	6

RECOMMENDED DATA PAIRS  
推荐的差分对定义

PIN NO.	DATA PAIR
PIN#1	A1
PIN#3	
PIN#2	A2
PIN#4	

HF(无卤)	
Non-HF(有卤)	√



NOTES(注释):

- OPERATING TEMPATURE: -40~85° C.(工作温度-40~85° C)
- CURRENT RATING:1.5A DC  
耐电流: 信号线1.5A DC
- 100% OPEN.SHOR(100%(短、断路测试)
- ABLE PULL-OUT FORCE(线材整体拔出力):110N Min.
- DURABILITY(耐久): 25 CYCLES Min./最少25次
- INSERTION FORCE (W/O LATCH)/插入力(无锁扣):50N MAX.
- WITHDRAWING FORCE/拔出力:5N MIN.
- IMPEDANCE,DIFFERENTIAL MODE(阻抗):100Ω
- Minimum Bend Radius(最小弯曲半径):46mm
- DIMENSIONING SHALL BE INTERPRETED PERASME Y14.5M 2009  
尺寸标注基于ASME Y14.5M 2009标准规范
- MATERIAL SHOULD BE FULFILLED RoHS REQUIREMENT  
产品材料环保标准符合RoHS要求
- DIMENSION MARKED ⊕ SHOULD BE CHECKED BY QC AND PROCESS ENGINEERS,AND ∇ SHOULD ALSO CHECK THE CPK(>=1.67)( DATA 尺寸有标记 ⊕号需要QC 以及制程工程师进行检验。有加注 ∇需要测量CPK(>=1.67).

MATERIAL LIST (物料清单)

Item 序号	DESCRIPTION 描述	Specifications 规格
5	CONNECTOR	HP2FRBD001,B CODE,WHITE COLOR
4	CONNECTOR	HP2MSBN001,B CODE,WHITE COLOR
3	WIRE	22AWGX1C(Cn-Sn)VIOLET COLOR,PVC JACKET
2	WIRE	22AWGX1C(Cn-Sn),BROWN COLOR,PVC JACKET
1	HSD CABLE	LVDS 535 CABLE,IMPEDANCE=100Ω,BLACK JACKET(PVC),BRAID OD 0.10mm; 26AWG×4C+AB

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited
X.	+/-	DRAWN Vison-Z CHECKED Johnny CHECKED	4/18'23	
.XX	+/-			
FRACTIONS +/- ANGLES +/-	20 0.50			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		TITLE
REMOVE SHARP EDGES		ANGLE OF PROJECTION		CUSTOMER DRAWING FOR HSD M/S TO F/R CABLE ASSEMBLY
DIMENSIONS				SIZE DRAWING NO.
U.S. INCHES		A3		HP2TM1BFDB0500
METRIC MM		SCALE NONE		REV. 1
				SHEET 1 OF 1