



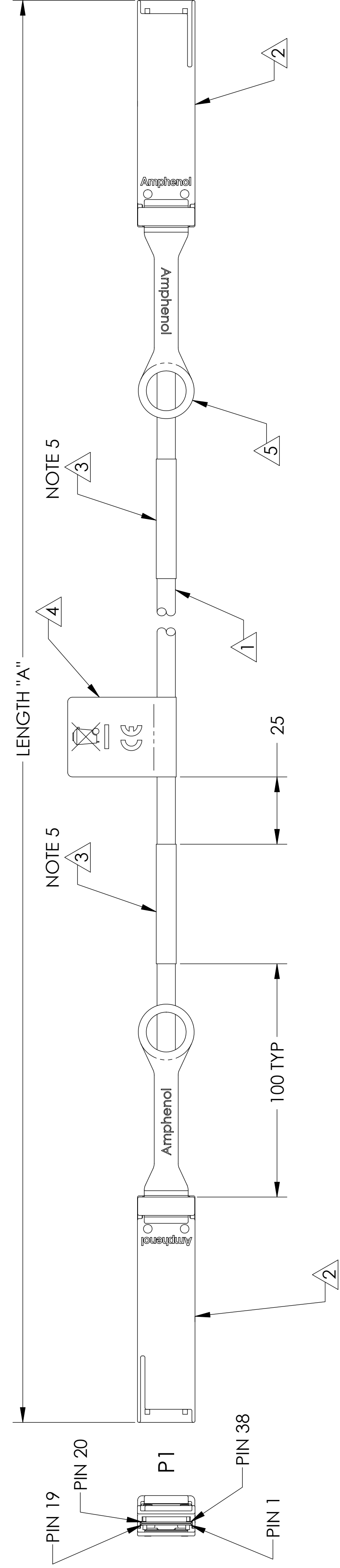
**THE DATASHEET OF
SF-NDAAFF100G-001M**



TABLE 1		
AHSP P/N	LENGTH "A"	CUSTOMER P/N
NDAAFF-C101	1000 ±20	SF-NDAAFF100G-001M
NDAAFF-C102	2000 ±40	SF-NDAAFF100G-002M
NDAAFF-C103	3000 ±60	SF-NDAAFF100G-003M

ZONE	REV.	SCR NUMBER
-	1	

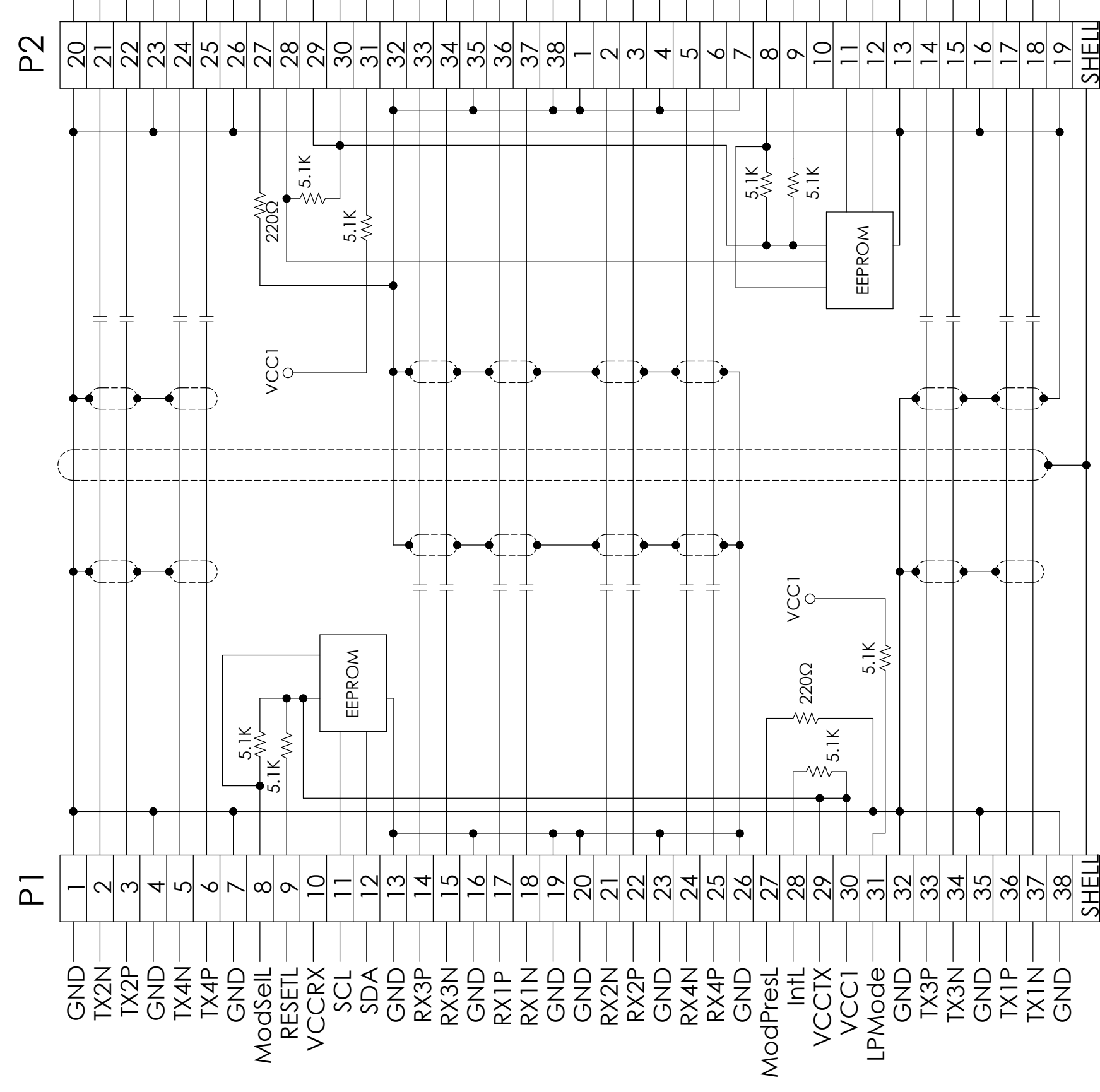
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TABLE 2	
ITEM No.	DESCRIPTION
1	30 AWG, 8-PR, PVC BLACK, UL AWM STYLE 20276, 80°C, VW1
2	PLUG, QSFP+, REFERENCE SFF-8661
3	LABEL, WRAPPED - AHSP P/N, REV, DATE CODE, LENGTH, CoO & SERIAL NUMBER
4	LABEL, FLAGGED - WEEE LOGO AND CE LOGO
5	LANYARD - PANTONE 347C (GREEN)

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- UL LABEL MUST BE ON THE SHIPPING CARTON PER SUBJECT 764 OF THE UL COMPONENT WIRING HARNESS (ZPFW2) FILE #E86140. CSA LABEL MUST BE ON SHIPPING CARTON.
- PACKAGE COMPLETED ASSY IN AN APPROPRIATELY SIZED ESD BAG.
- EPROM CONTENT SHALL BE COMPLIANT WITH SFF-8636 SPECIFICATIONS FOR 100GBASE-CR4. EPROM REVISION IS EQUAL TO AHSP PART NUMBER REVISION.
- ASSEMBLIES LESS THAN ONE METER REQUIRE ONLY ONE LABEL PLACED ON P1 END.
- CABLE ASSEMBLIES MUST MEET SHIELDING EFFECTIVENESS REQUIREMENTS OF 35dB FROM 1-10GHz AND 30dB FROM 10-18GHz.
- COMPLIANT TO EU DIRECTIVE 2011/65/EU - RoHS2.
- ASSEMBLIES SHALL BE COMPLIANT TO 100GBASE-CR4 SPECIFICATION (EXCEPT NDAAFF-0005).
- THIS DRAWING IS RESERVED FOR AMPHENOL CABLES ON DEMAND.

NOTE: DC BLOCKING CAP VALUE IS 0.1 μ F
EPROM CONNECTED TO VCCTX



NOTES: UNLESS OTHERWISE SPECIFIED

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TABLE 3

AHSP P/N	AHSP REV	CUT LENGTH A	LABEL QUANTITY	HAND SOLDER	AUTO SOLDER
NDAAFF-C101	A	3.379 FT	2	Y	Y
NDAAFF-C102	A	6.66 FT	2	Y	Y
NDAAFF-C103	A	9.941 FT	2	Y	Y

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TABLE 4 - PARTS LIST FOR 30G ASSEMBLIES

ITEM	AHSP P/N	AHSI P/N	COMPONENT DESCRIPTION	QUANTITY		U OF M
				SEE CUT LENGTH 'A' IN TABLE 3	IN TABLE 3	
1	023-0010-056	N/A	CBL RND 8PR 30 AWG SKWCLR S.S. 166-3099-788 RC		FT	
2	023-Q030-041	N/A	COVER DIECAST QSFP .28 CBL RC	2	EA	
3	023-Q020-136	N/A	HOUSING DIECAST QSFP .28 CBL AMPHENOL LOGO RC	2	EA	
4	023-Q120-001	602480001	LATCH RELEASE DIECAST QSFP COPPER RC	2	EA	
5	023-0000-054	605480001	SPRING COMPRESSION RC	4	EA	
6	023-0000-052	555880001	RIVET LOW PRO MINI-SAS RC	4	EA	
7	023-0075-006	N/A	ASM PCB QSFP PASSIVE 100Gbps 30AWG RC	2	EA	
8	023-0000-015	532320001	ADH HOT MELT AMBER 430F 3M 3779-PG RC UL-94V0	0.009	LB	
9	527-4882-000	N/A	AHSP STANDARD CABLE LABEL	SEE LABEL QTY IN TABLE 3	EA	
10	023-Q080-025	587240025	LANYARD QSFP PULL TO RELEASE GRN AMPH 3.0 RC	2	EA	
11	023-0000-031	24859	TAPE COPPER 3/8 CONDUCTIVE CCH-36-101-0038 RC	0.25	FT	
12	023-Q130-002	613890001	DUST COVER QSFP RC	2	EA	
13	023-0000-026	24848	TAPE COPPER 1-3/4 NON-CONDUCTIVE CCH-36-301-0175 RC	0.292	FT	
14	527-4880-000	N/A	AHSP STANDARD CE/WEEE LABEL	1	EA	
15	023-0000-056	567150001	LOCTITE UV CURE LOCITITE 3106 RC	AS NEEDED	ML	
16	527-4986-000	N/A	ACD CUST BAG LABEL	1	EA	

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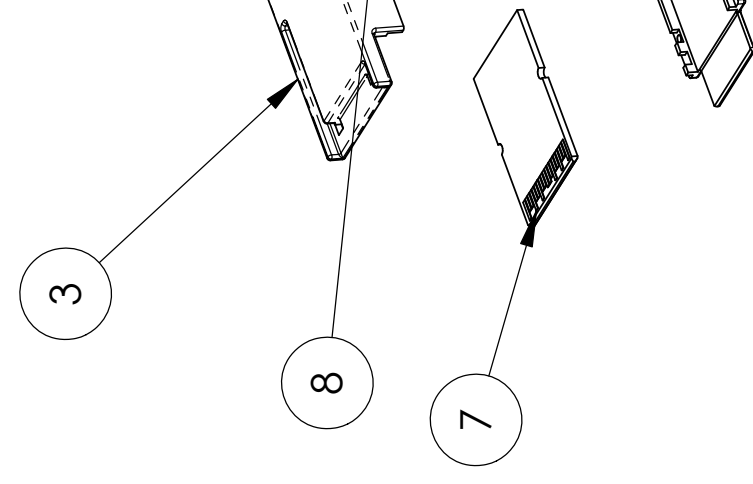


TABLE 5-AMPHENOL SPECIFICATIONS

ACS-1152	AMPHENOL REGULATED MATERIALS
ACS-1154	EPROM PROGRAMMING
ACS-1186	LEAD-FREE SOLDER
ACS-1199	HIGH SPEED ASSEMBLY TEST
TMS-115-0001	CABLE ASSEMBLY MFG PROCESS
ACS-1210	STANDARD SPECIFICATIONS FOR WEEE, CHINA RoHS AND CE LABELS

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