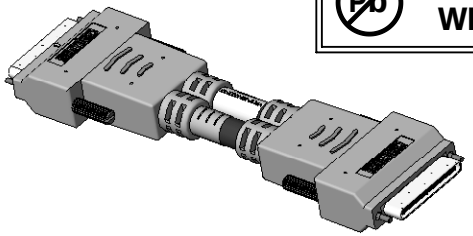
REVISION C

TABLE 2			
No. OF PAIRS	No. OF POS	N	N/2
-08,-12	36	36	18
-16	50	50	25
-24	68	68	34



THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

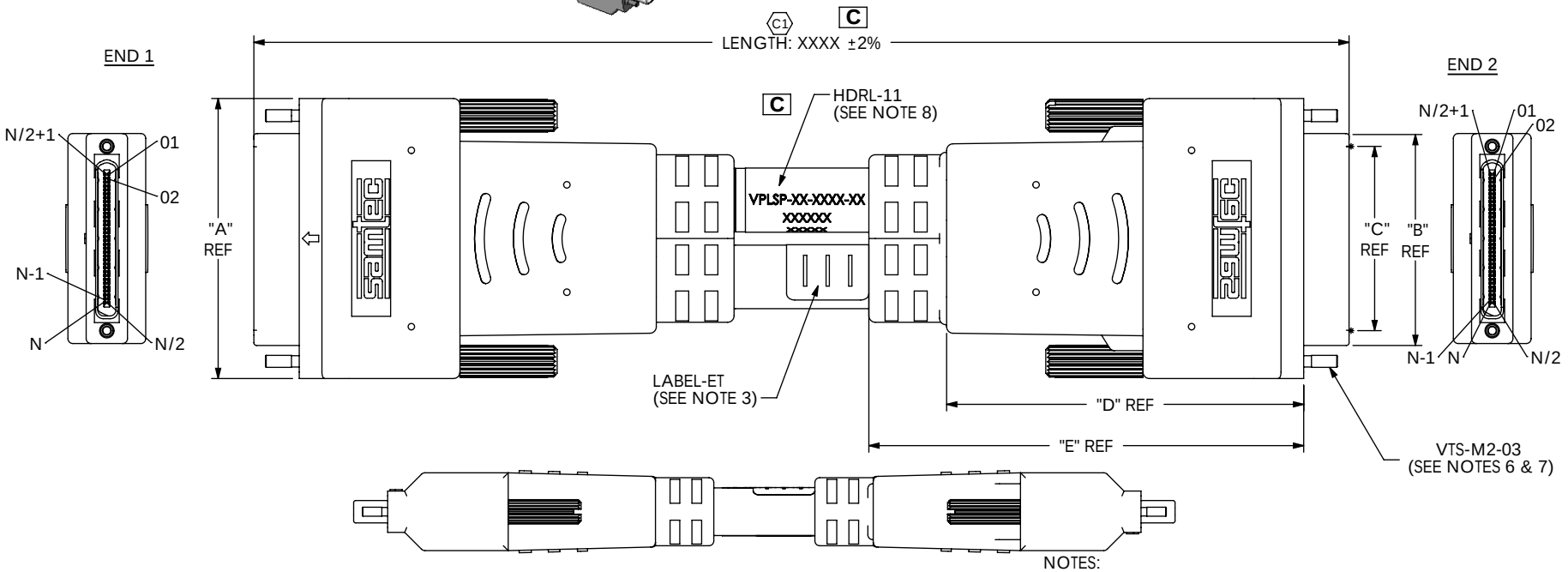
VPLSP-XX-XXXX-XX

No OF PAIRS
-08, -12, -16, -24
(SEE SHEET 3)

LENGTH (MILLIMETERS)
-0500 - 9999*

CONNECTOR OPTION
-01: PIN 1 TO PIN 1
(SEE FIG 1, SHEET 1 & TABLE 4)
-02: PIN 1 TO PIN N/2+1
(SEE TABLE 4 & FIG 2, SHEET 2)

* -1000, 2000, 3000, AND 5000 IN STOCK.



DO NOT SCALE FROM THIS PRINT

FIG 1
VPLSP-24-XXXX-01 SHOWN

TABLE 1												
No. OF PAIRS	"A"		"B"		"C"		"D"		"E"		CABLE	SUB ASSEMBLY
-08	30.20	[1.189]	19.80	[0.780]	24.90	[0.980]	44.80	[1.764]	56.80	[1.764]	LSPC-26100-08	SUB-VPLSP-08-XXXX-XX
-12	30.20	[1.189]	19.80	[0.780]	24.90	[0.980]	44.80	[1.764]	56.80	[1.764]	LSPC-26100-12	SUB-VPLSP-12-XXXX-XX
-16	35.80	[1.409]	25.40	[1.000]	30.50	[1.201]	49.10	[1.933]	61.10	[1.933]	LSPC-26100-08 (x2)	SUB-VPLSP-16-XXXX-XX
-24	43.20	[1.701]	32.60	[1.283]	37.80	[1.488]	55.10	[2.169]	67.10	[2.169]	LSPC-26100-12 (x2)	SUB-VPLSP-24-XXXX-XX

VPLSP-XX-XXXX-XX BOM			
ITEM #	PART #	QTY	DESCRIPTION
IH ROUTING (NOT RELEASED)			
1	SUB-VPLSP-XX-XXXX-XX	1	SUB ASSEMBLY
2	VTS-M2-03	4	THUMB SCREW
3	OVERMOLD	2	RITE FLEX 640
4	CUT-1.000	2	CU TAPE
OC ROUTING			
5	SUB-VPSTP-T-XX-03-01	2	SUB ASSEMBLY
6	LSPC-26100-XX	(SEE TABLE 1)	CABLE
7	LABEL-ET	1	LABEL
8	HDRL-11	1	LABEL

C

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
C2 2. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
C3 3. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V. AFTER FINAL ELECTRICAL TEST, LABEL ASSEMBLY WITH 1 LABEL-ET.
4. PACKAGE ASSEMBLIES IN CLEAR POLY BAGS OR WRAP ENDS IN BUBBLE WRAP OR FOAM.
5. SEE TABLE 4 FOR SIGNAL/GROUND CONFIGURATION.
6. MAJOR DIAMETER FOR M2 x 4 - 6G EXTERNAL THREAD WITH 6g TOLERANCE IS 1.886 MIN TO 1.981 MAX ACCORDING TO ANSI-AMSE B1.13M-1983 (R19595).
7. MINOR DIAMETER FOR M2 x 4 - 6G EXTERNAL THREAD WITH 6g TOLERANCE IS 1.408 MIN TO 1.548 MAX ACCORDING TO ANSI-AMSE B1.13M-1983 (R1995).
C 8. HDRL-11 IS TO BE CENTERED ON CABLE AS SHOWN. HDRL-11 IS TO CONTAIN: PART NUMBER, SHOP ORDER, & DATE CODE.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS
.X: ±.3 [.01]
.XX: ±.13 [.005]
.XXX: ±.051 [.002]
ANGLES 2°

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

MATERIAL:
DO NOT SCALE DRAWING
PREMOLD: LDPE
OVERMOLD: PVC

SHEET SCALE: 1:1.33333

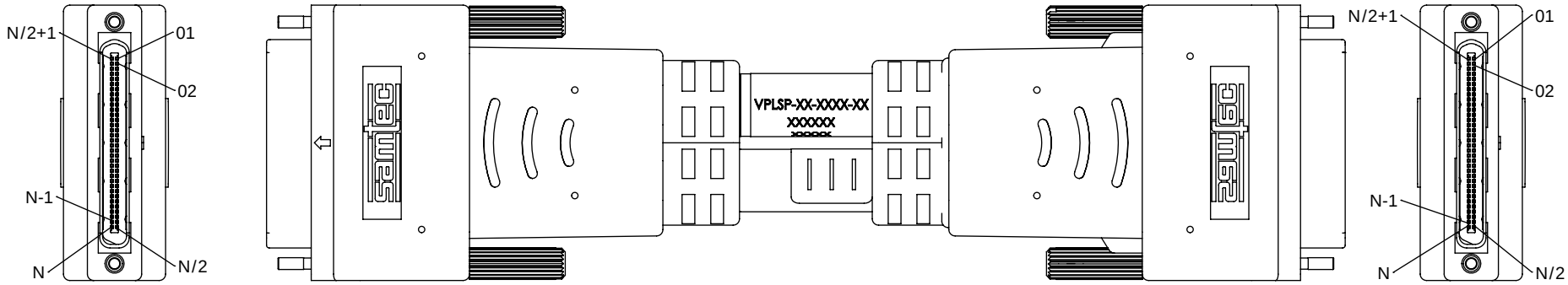
DESCRIPTION:
PLUG SHIELDED LOW SKEW CABLE ASSEMBLY

DWG. NO.
VPLSP-XX-XXXX-XX

F:\DWG\MISC\MKTG\VPLSP-XX-XXXX-XX-MKT.SLDDRW

BY: LENNY K 6/6/07

REVISION C



END 1

END 2

FIG 2
VPLSP-24-XXXX-02 SHOWN

TABLE 3

No OF PAIRS	POSITIONS (G = GROUND, S = SIGNAL)
-008	PAIR 1: 1 G, 2 G, 3 S, 4 S; PAIR 2: 5 G, 6 G, 7 S, 8 S; PAIR 3: 9 G, 10 G, 11 S, 12 S; PAIR 4: 13 G, 14 G, 15 S, 16 S; 17 G, 18 G PAIR 5: 19 G, 20 G, 21 S, 22 S; PAIR 6: 23 G, 24 G, 25 S, 26 S; PAIR 7: 27 G, 28 G, 29 S, 30 S; PAIR 8: 31 G, 32 G, 33 S, 34 S; 35 G, 36 G
-012	PAIR 1: 1 S, 2 S, 3 G; PAIR 2: 4 S, 5 S, 6 G; PAIR 3: 7 S, 8 S, 9 G, 10 G; PAIR 4: 11 S, 12 S, 13 G; PAIR 5: 14 S, 15 S, 16 G; PAIR6: 17 S, 18 S PAIR 7: 19 S, 20 S, 21 G; PAIR 8: 22 S, 23 S, 24 G; PAIR 9: 25 S, 26 S, 27 G, 28 G; PAIR 10: 29 S, 30 S, 31 G; PAIR 11: 32 S, 33 S, 34 G; PAIR 12: 35 S, 36 S
-016	PAIR 1: 1 G, 2 S, 3 S, 4 G; PAIR 2: 5 S, 6 S, 7 G; PAIR 3: 8 S, 9 S, 10 G; PAIR 4: 11 S, 12 S, 13 G; PAIR 5: 14 S, 15 S, 16 G; PAIR 6: 17 S, 18 S, 19 G; PAIR 7: 20 S, 21 S, 22 G; PAIR 8: 23 S, 24 S, 25 G PAIR 9: 26 G, 27 S, 28 S, 29 G; PAIR 10: 30 S, 31 S, 32 G; PAIR 11: 33 S, 34 S, 35 G; PAIR 12: 36 S, 37 S, 38 G; PAIR 13: 39 S, 40 S, 41 G; PAIR 14: 42 S, 43 S, 44 G; PAIR 15: 45 S, 46 S, 47 G; PAIR 16: 48 S, 49 S, 50 G
-024	PAIR 1: 1 G, 2 G, 3 S, 4 S; PAIR 2: 5 S, 6 S, 7 S, 8 S; PAIR 3: 9 G, 10 G, 11 S, 12 S; PAIR 4: 13 S, 14 S, 15 S, 16 S; PAIR 5: 17 G, 18 G, 19 S, 20 S; PAIR 6: 21 S, 22 S, 23 S, 24 S; PAIR 7: 25 G, 26 G, 27 S, 28 S; PAIR 8: 29 S, 30 S, 31 S, 32 S; PAIR 9: 33 S, 34 S, 35 G, 36 G PAIR 10: 37 G, 38 G, 39 S, 40 S; PAIR 11: 41 S, 42 S, 43 S, 44 S; PAIR 12: 45 S, 46 S, 47 S, 48 S; PAIR 13: 49 S, 50 S, 51 G, 52 G; PAIR 14: 53 S, 54 S, 55 S, 56 S; PAIR 15: 57 S, 58 S, 59 G, 60 G; PAIR 16: 61 S, 62 S, 63 S, 64 S; PAIR 17: 65 S, 66 S, 67 G, 68 G

F:\DWG\MISC\MKTG\VPLSP-XX-XXXX-XX\MKT SI.DRW

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SHEET SCALE: 1:2

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
PLUG SHIELDED LOW SKEW CABLE ASSEMBLY

DWG. NO.
VPLSP-XX-XXXX-XX

BY: LENNY K 6/6/07

REVISION C

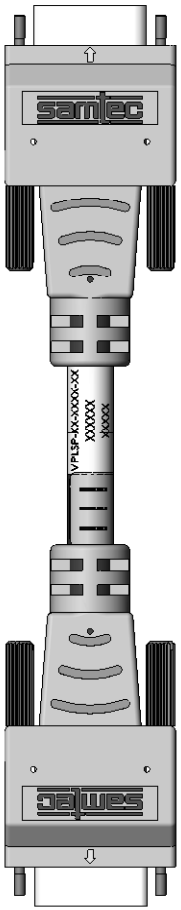

FIG 3
VPLSP-08-XXXX-01

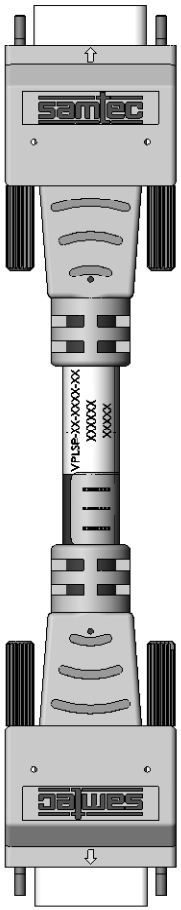

FIG 4
VPLSP-12-XXXX-01

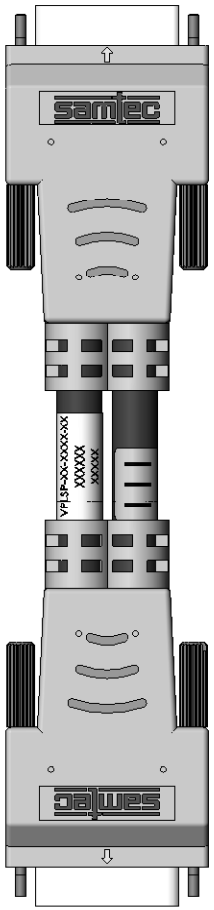

FIG 5
VPLSP-16-XXXX-01

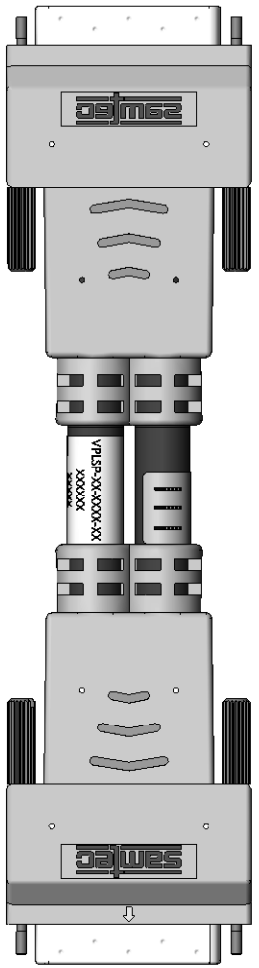

FIG 6
VPLSP-24-XXXX-01

TABLE 4		
CONNECTOR OPTION	FIRST END PIN #	SECOND END PIN #
-01	1	1
-02	1	N/2 + 1

F:\DWG\MISC\MKTG\VPLSP-XX-XXXX-XX-MKT.SLDDRW

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
PLUG SHIELDED LOW SKEW CABLE ASSEMBLY

DWG. NO.
VPLSP-XX-XXXX-XX

BY: LENNY K 6/6/07