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LPHS-XX-XX-X-VXX-XX

POWER POS (TOTAL)

-00, -02, -04, -06, -08,
-10, *-12, *-14

SIGNAL POS (TOTAL)

-00, *-12, -16, -20, -24,
-28, -32, *-36, *-40

(* = NOT TOOLED)

OPTION

-GP: GUIDE POST
-BLANK: NO GP OPTION

TAIL

-VP1: PRESS FIT
*-VT1: FOR .062" BOARD
*-VT2: FOR .093" BOARD

PLATING SPECIFICATION

-L: 10μ" GOLD IN CONTACT AREA,
MATTE TIN TAIL
-S: 30μ" GOLD IN CONTACT AREA,
MATTE TIN TAIL
(SEE NOTE 6)

(= -00 POWER POS & -00 SIGNAL POS NOT AVAILABLE ON -GP OPTION)

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

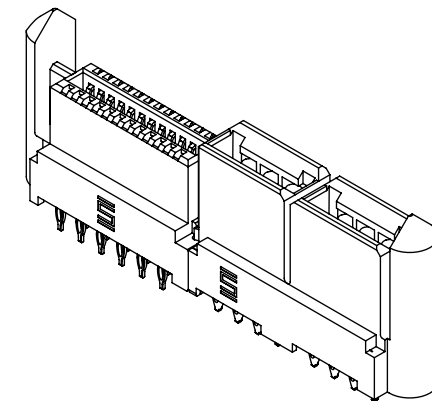
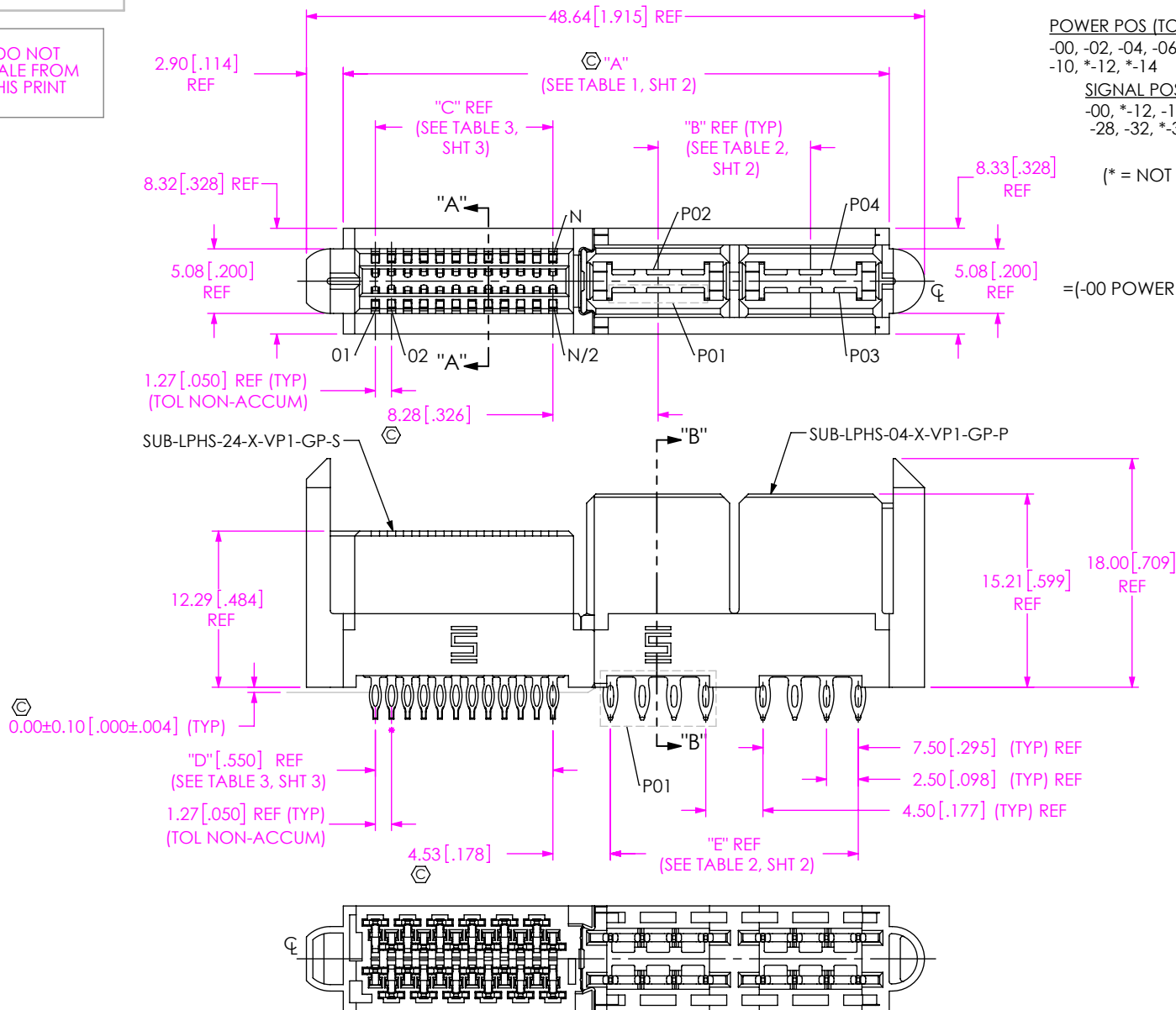


TABLE 5

POWER POS	BOW
-02, -04	0.15[.006]
-06, -08, -10, *-12, *-14	0.20[.008]

(* = NOT TOOLED)

FIG 1
LPHS-04-24-X-VP1-GP SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 0.5 LBS OF SIGNAL & 3.0 LBS OF POWER PINS.
3. MAXIMUM ALLOWABLE BOW SEE TABLE 5.
4. ASSEMBLIES TO BE PACKAGED IN TRAYS.
5. APPLICATION TOOLING REQUIRED FOR TERMINATIONS, SEE TABLE 6.
6. SELECTIVE PLATING LUBRICATED WITH ACCL-53T WHICH CAN BE DETECTED USING A UVA ULTRAVIOLET LIGHT SOURCE.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.3[.01] 2°
X.XX: ±0.13[.005]
X.XXX: ±0.051[.0020]

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP ULV-0, COLOR: BLACK
TERMINAL: COPPER ALLOY

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

LPHS-VT ASSEMBLY

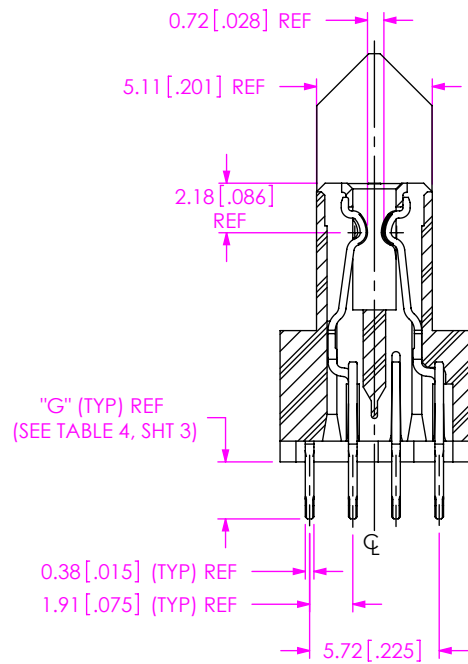
DWG. NO.

LPHS-XX-XX-X-VXX-XX

BY: VICKY Z

12/10/2011

SHEET 1 OF 4



SECTION "A"-"A"

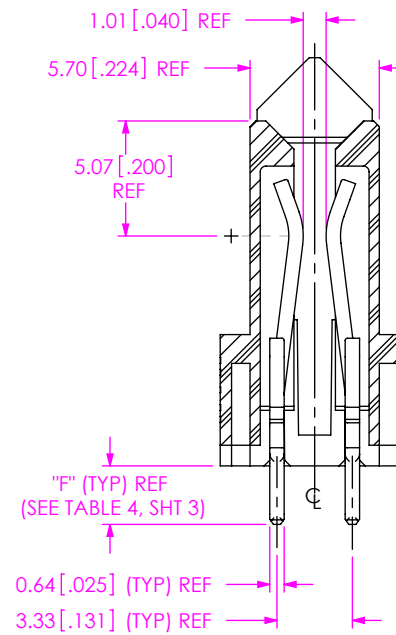


TABLE 1

SIGNAL POS	POWER POSITION						
	-02	-04	-06	-08	-10	*-12	*-14
	"A"	"A"	"A"	"A"	"A"	"A"	"A"
*-12	23.34 [0.919]	35.34 [1.391]	47.34 [1.864]	59.34 [2.336]	71.34 [2.809]	83.34 [3.281]	95.34 [3.754]
-16	25.88 [1.019]	37.88 [1.491]	49.88 [1.964]	61.88 [2.436]	73.88 [2.909]	85.88 [3.381]	97.88 [3.854]
-20	28.42 [1.119]	40.42 [1.591]	52.42 [2.064]	64.42 [2.536]	76.42 [3.009]	88.42 [3.481]	100.42 [3.954]
-24	30.96 [1.219]	42.96 [1.691]	54.96 [2.164]	66.96 [2.636]	78.96 [3.109]	90.96 [3.581]	102.96 [4.054]
-28	33.50 [1.319]	45.50 [1.791]	57.50 [2.264]	69.50 [2.736]	81.50 [3.209]	93.50 [3.681]	105.50 [4.154]
-32	36.04 [1.419]	48.04 [1.891]	60.04 [2.364]	72.04 [2.836]	84.04 [3.309]	96.04 [3.781]	108.04 [4.254]
*-36	38.58 [1.519]	50.58 [1.991]	62.58 [2.464]	74.58 [2.936]	86.58 [3.409]	98.58 [3.881]	110.58 [4.354]
*-40	41.12 [1.619]	53.12 [2.091]	65.12 [2.564]	77.12 [3.036]	89.12 [3.509]	101.12 [3.981]	113.12 [4.454]

(* = NOT TOOLED)

TABLE 2

POWER POS	"B"	"E"
-00	N/A	N/A
-02	N/A	N/A
-04	12.00 [0.472]	19.50 [0.768]
-06	24.00 [0.945]	31.50 [1.240]
-08	36.00 [1.417]	43.50 [1.713]
-10	48.00 [1.890]	55.50 [2.185]
*-12	60.00 [2.362]	67.50 [2.657]
*-14	72.00 [2.835]	79.50 [3.130]

(* = NOT TOOLED)

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DESCRIPTION: LPHS-VT ASSEMBLY

DWG. NO. LPHS-XX-XX-X-VXX-XX

BY: VICKY Z 12/10/2011 SHEET 2 OF 4

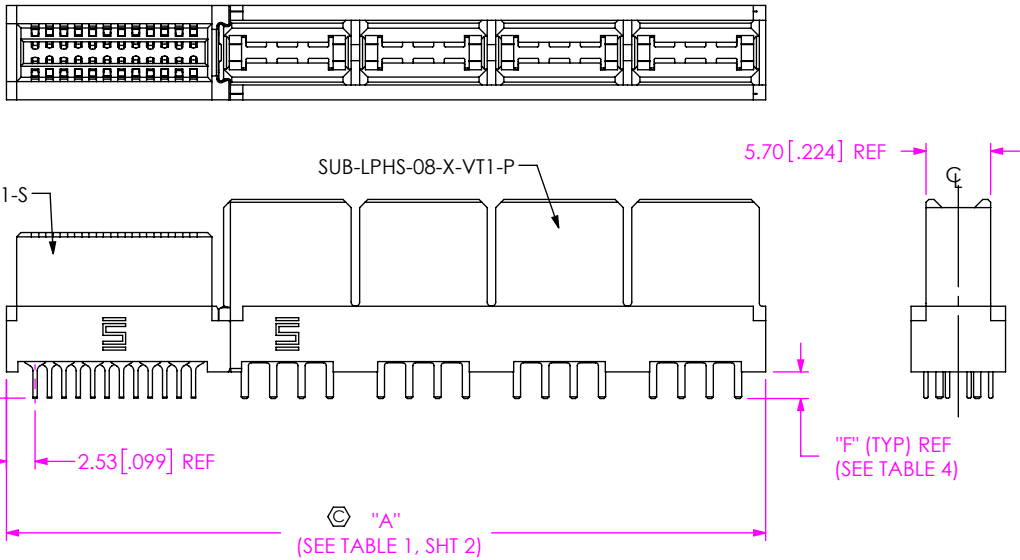


FIG 2
LPHS-08-24-X-VT1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT TOOLED)

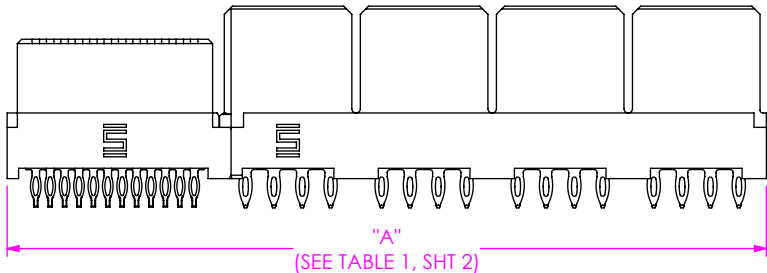


FIG 5
LPHS-08-24-X-VP1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 4				
TAIL	POWER		SIGNAL	
	CONTACT	"F"	CONTACT	"G"
-VP1	C-367-01-X	2.58[.102]	C-379-01-X & C-380-01-X	2.51[.099]
*-VT1	C-367-02-X	2.35[.093]	C-379-02-X & C-380-02-X	2.31[.091]
*-VT2	C-367-03-X	3.13[.124]	C-379-03-X & C-380-03-X	3.06[.120]

(* = NOT TOOLED)

TABLE 6					
POWER POS	SIGNAL POS	CAT FIXTURE NO	POWER POS	SIGNAL POS	CAT FIXTURE NO
-02	*-12	CAT-PT-LPHS-02-12	-10	*-12	CAT-PT-LPHS-10-12
	-16	CAT-PT-LPHS-02-16		-16	CAT-PT-LPHS-10-16
	-20	CAT-PT-LPHS-02-20		-20	CAT-PT-LPHS-10-20
	-24	CAT-PT-LPHS-02-24		-24	CAT-PT-LPHS-10-24
	-28	CAT-PT-LPHS-02-28		-28	CAT-PT-LPHS-10-28
	-32	CAT-PT-LPHS-02-32		-32	CAT-PT-LPHS-10-32
	*-36	CAT-PT-LPHS-02-36		*-36	CAT-PT-LPHS-10-36
	*-40	CAT-PT-LPHS-02-40		*-40	CAT-PT-LPHS-10-40
-04	*-12	CAT-PT-LPHS-04-12	*-12	*-12	CAT-PT-LPHS-04-12
	-16	CAT-PT-LPHS-04-16		-16	CAT-PT-LPHS-04-16
	-20	CAT-PT-LPHS-04-20		-20	CAT-PT-LPHS-04-20
	-24	CAT-PT-LPHS-04-24		-24	CAT-PT-LPHS-04-24
	-28	CAT-PT-LPHS-04-28		-28	CAT-PT-LPHS-04-28
	-32	CAT-PT-LPHS-04-32		-32	CAT-PT-LPHS-04-32
	*-36	CAT-PT-LPHS-04-36		*-36	CAT-PT-LPHS-04-36
	*-40	CAT-PT-LPHS-04-40		*-40	CAT-PT-LPHS-04-40
-06	*-12	CAT-PT-LPHS-06-12	*-14	*-12	CAT-PT-LPHS-14-12
	-16	CAT-PT-LPHS-06-16		-16	CAT-PT-LPHS-14-16
	-20	CAT-PT-LPHS-06-20		-20	CAT-PT-LPHS-14-20
	-24	CAT-PT-LPHS-06-24		-24	CAT-PT-LPHS-14-24
	-28	CAT-PT-LPHS-06-28		-28	CAT-PT-LPHS-14-28
	-32	CAT-PT-LPHS-06-32		-32	CAT-PT-LPHS-14-32
	*-36	CAT-PT-LPHS-06-36		*-36	CAT-PT-LPHS-14-36
	*-40	CAT-PT-LPHS-06-40		*-40	CAT-PT-LPHS-14-40
-08	*-12	CAT-PT-LPHS-08-12			
	-16	CAT-PT-LPHS-08-16			
	-20	CAT-PT-LPHS-08-20			
	-24	CAT-PT-LPHS-08-24			
	-28	CAT-PT-LPHS-08-28			
	-32	CAT-PT-LPHS-08-32			
	*-36	CAT-PT-LPHS-08-36			
	*-40	CAT-PT-LPHS-08-40			

(* = NOT TOOLED)

TABLE 3		
SIGNAL POS	"C"	"D"
-00	N/A	N/A
*-12	6.35 [0.250]	6.35 [0.250]
-16	8.89 [0.350]	8.89 [0.350]
-20	11.43 [0.450]	11.43 [0.450]
-24	13.97 [0.550]	13.97 [0.550]
-28	16.51 [0.650]	16.51 [0.650]
-32	19.05 [0.750]	19.05 [0.750]
*-36	21.59 [0.850]	21.59 [0.850]
*-40	24.13 [0.950]	24.13 [0.950]

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DESCRIPTION:	LPHS-VT ASSEMBLY		
DWG. NO.	LPHS-XX-XX-X-VXX-XX		
BY: VICKY Z	12/10/2011	SHEET 3 OF 4	

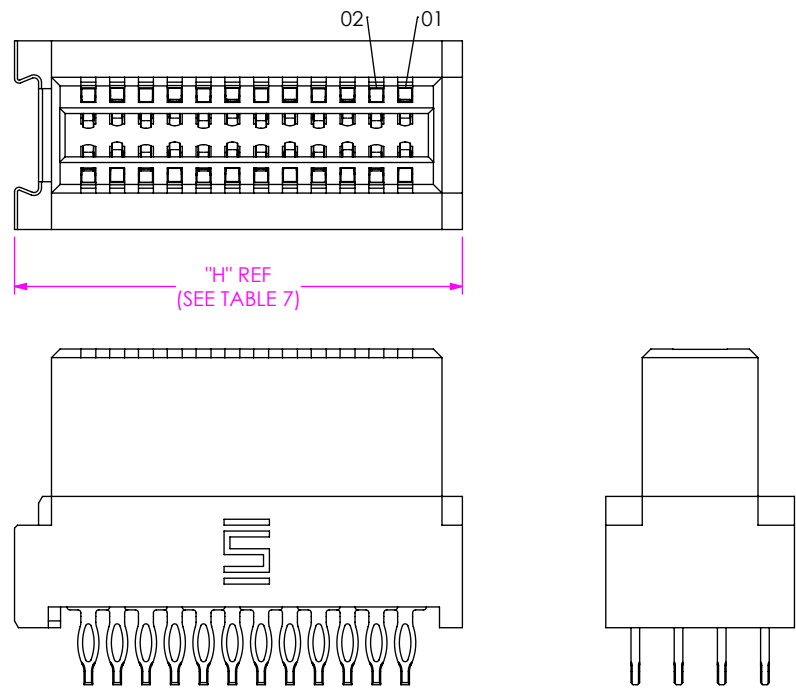


FIG 3
LPHS-00-24-X-VP1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 7	
SIGNAL POS	POWER POSITION
	-00
	"H"
*-12	12.13 [0.478]
-16	14.67 [0.578]
-20	17.21 [0.678]
-24	19.75 [0.778]
-28	22.29 [0.878]
-32	24.83 [0.978]
*-36	27.37 [1.078]
*-40	29.91 [1.178]

(* = NOT TOOLED)

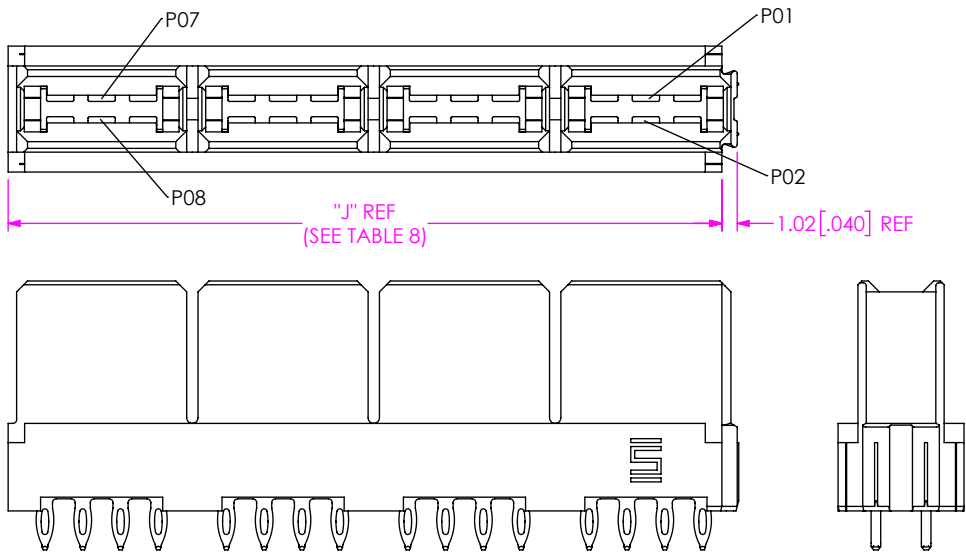


FIG 4
LPHS-08-00-X-VP1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 8	
POWER POS	SIGNAL POSITION
	-00
	"J"
-02	11.21 [0.441]
-04	23.21 [0.914]
-06	35.21 [1.386]
-08	47.21 [1.859]
-10	59.21 [2.331]
*-12	71.21 [2.804]
*-14	83.21 [3.276]

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DWG. NO. LPHS-XX-XX-X-VXX-XX

BY: VICKY Z 12/10/2011 SHEET 4 OF 4

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