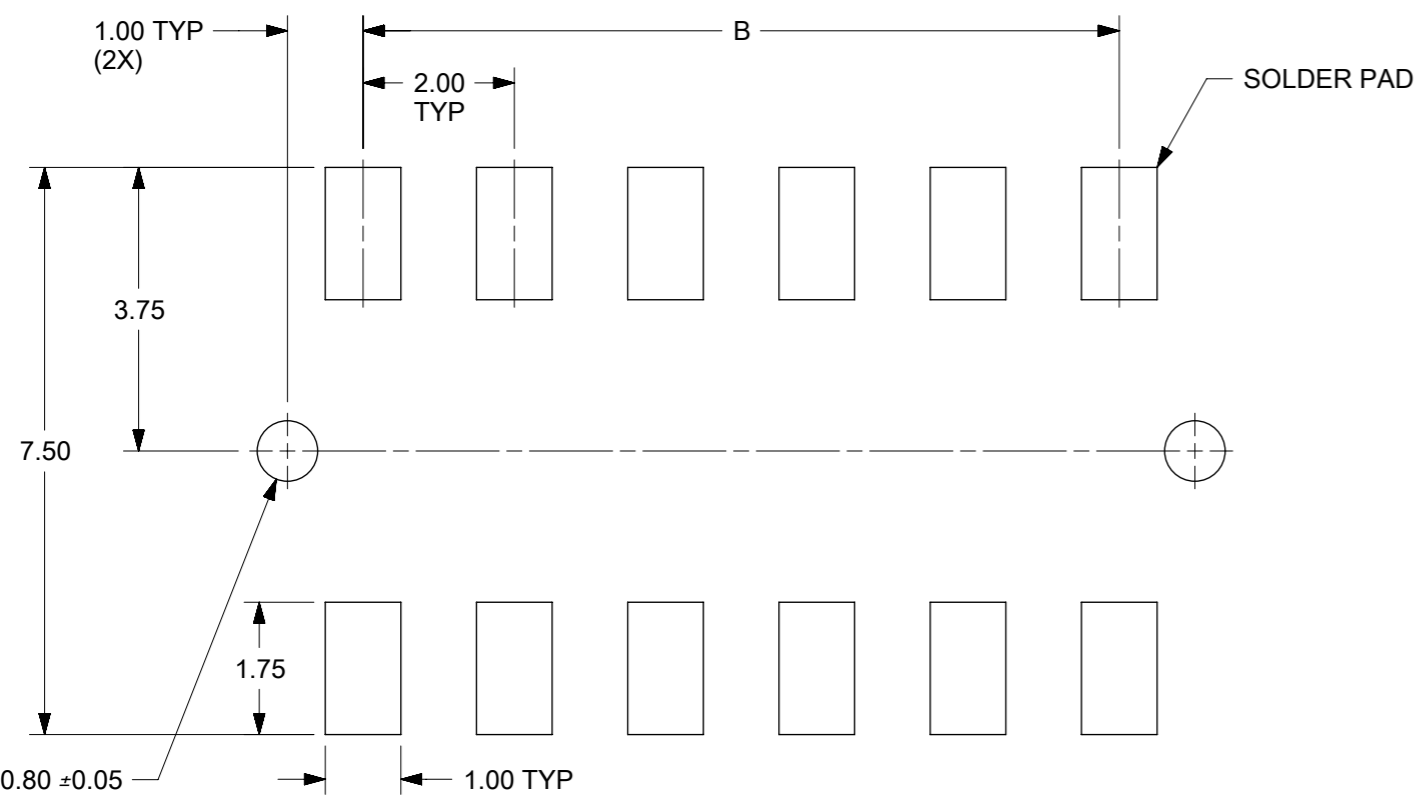
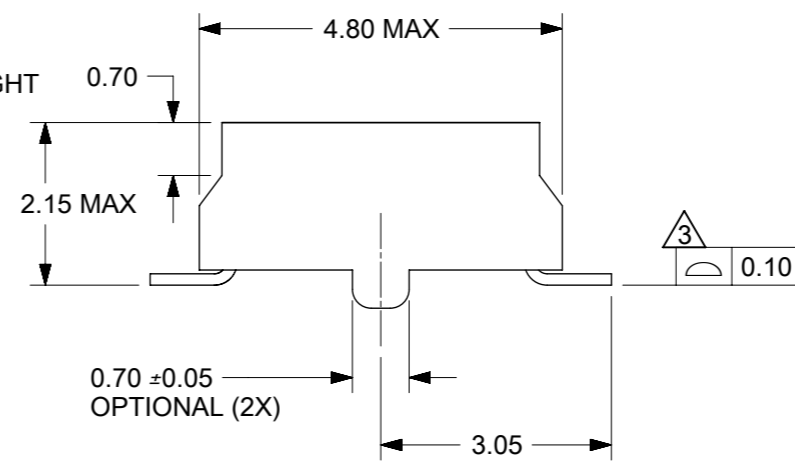
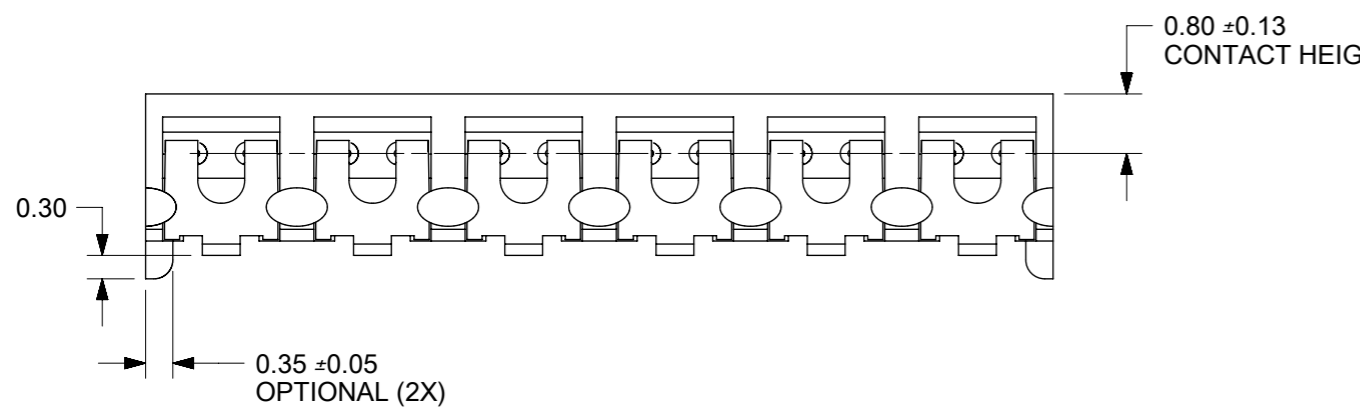


NOTES:

- 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
- PLATING FINISH:
 - 5 & 7 - 0.05 μ m-0.25 μ m GOLD IN CONTACT AREA
1.90 μ m/75 μ " MIN. TIN IN SOLDER TAIL AREA
BOTH OVER 1.30 μ m/50 μ " MIN. NICKEL OVERALL
 - 3 & 8 - 0.76 μ m/30 μ " MIN. GOLD IN CONTACT AREA
1.90 μ m/75 μ " MIN. TIN IN SOLDER TAIL AREA
BOTH OVER 1.30 μ m/50 μ " MIN. NICKEL OVERALL
 - 4 & 9 - 0.38 μ m/15 μ " MIN. GOLD IN CONTACT AREA
1.90 μ m/75 μ " in MIN. TIN IN SOLDER TAIL AREA
BOTH OVER 1.30 μ m/50 μ " MIN. NICKEL OVERALL
- COPLANARITY OF SOLDER TAIL IS TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE.
- PRODUCT SPECIFICATION PS-87340 APPLIES.
- THIS AREA OF PART TO BE HEAT STAKED TO RETAIN CONTACTS.
- PART IS MATEABLE TO ALL MILLI-GRID HEADERS WITH MINIMUM PIN LENGTHS OF 1.90mm FOR TOP ENTRY.

PART NO. IN TUBE	CKT. SIZE	DIM. B	DIM. A
87340-04**	4	2.00	4.00
87340-06**	6	4.00	6.00
87340-08**	8	6.00	8.00
87340-10**	10	8.00	10.00
87340-12**	12	10.00	12.00
87340-14**	14	12.00	14.00
87340-16**	16	14.00	16.00
87340-18**	18	16.00	18.00
87340-20**	20	18.00	20.00



RECOMMENDED PCB LAYOUT

PART NO. LEGEND

- 87340 - * * * *
- CIRCUIT SIZE
- PACKAGING & PLATING \triangle
- 3 - (TUBE WITH 0.76 μ m MIN GOLD)
 - 4 - (TUBE WITH 0.38 μ m MIN GOLD)
 - 5 - (TUBE WITH 0.05-0.25 μ m GOLD)
 - 7 - (T&R WITH 0.05-0.25 μ m GOLD)
 - 8 - (T&R WITH 0.76 μ m MIN GOLD)
 - 9 - (T&R WITH 0.38 μ m MIN GOLD)
- 1 - WITHOUT LOCATING PEGS (HOUSING - BLACK)
 - 2 - WITH LOCATING PEGS (HOUSING - BLACK)
 - 5 - WITHOUT LOCATING PEGS (HOUSING - NATURAL)
 - 6 - WITH LOCATING PEGS (HOUSING - NATURAL)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: MIGRATED TO ECTR	
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	\pm	\pm	
3 PLACES	\pm	\pm	
2 PLACES	\pm 0.2	\pm	
1 PLACE	\pm	\pm	
0 PLACES	\pm	\pm	
ANGULAR TOL	\pm 3.0°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
		SERIES	87340
		MATERIAL NUMBER	SEE TABLE
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	1 OF 3

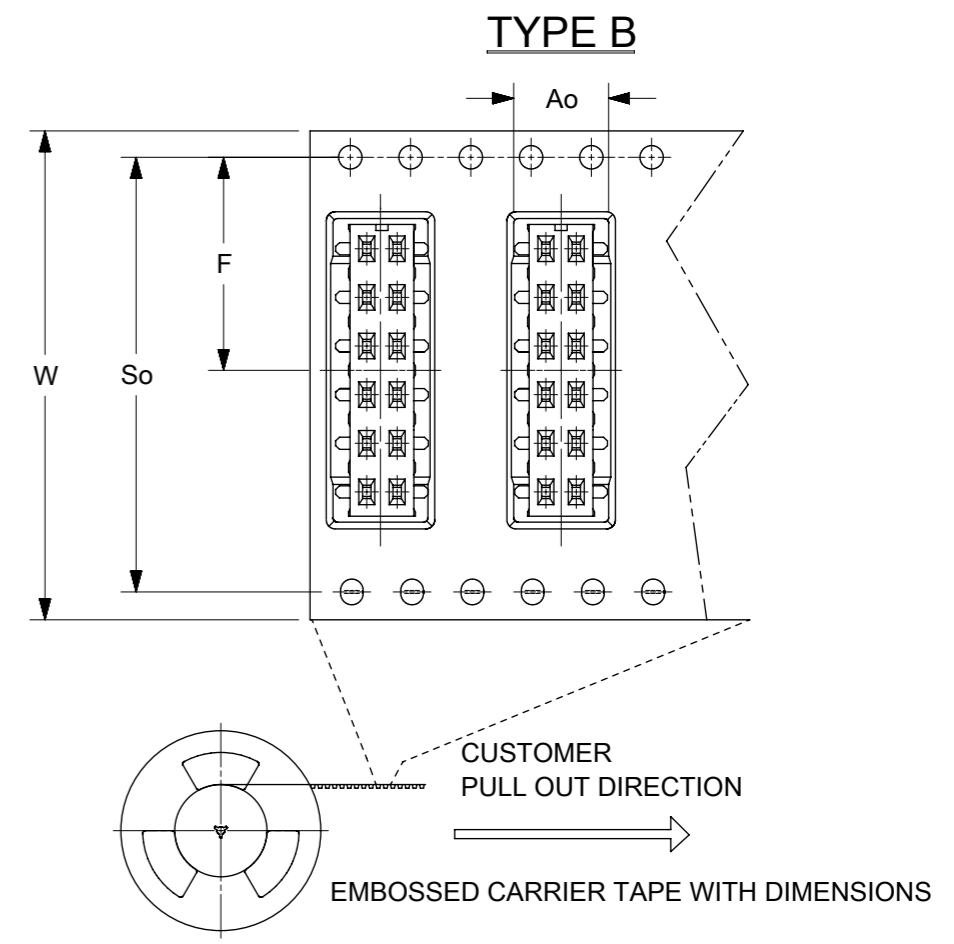
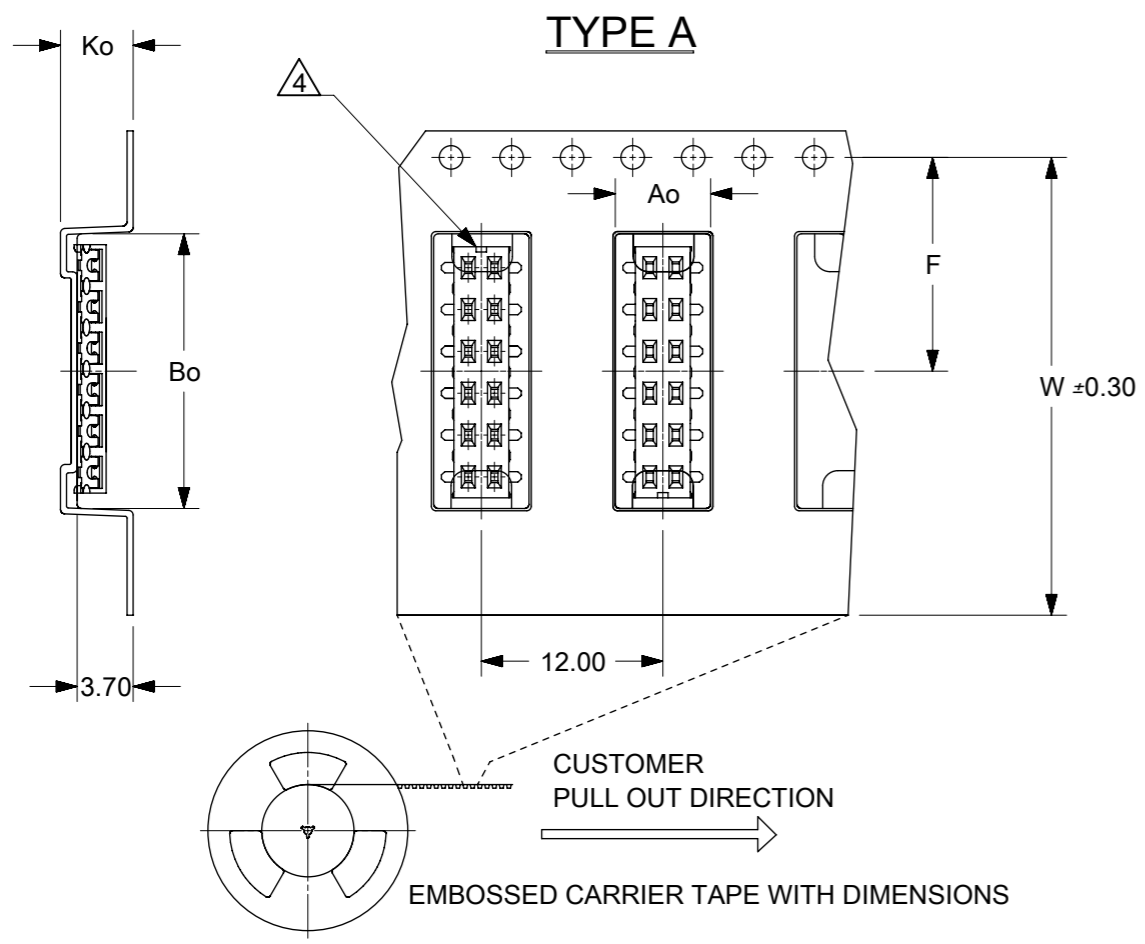
EC NO: 172635
 DRWN: RMV02 2018/02/20
 CHK'D: CD 2018/05/25
 APPR: GGA 2018/05/30

INITIAL REVISION:
 DRWN: JKACHLI 1991/07/02
 APPR: MLONG 2009/11/24

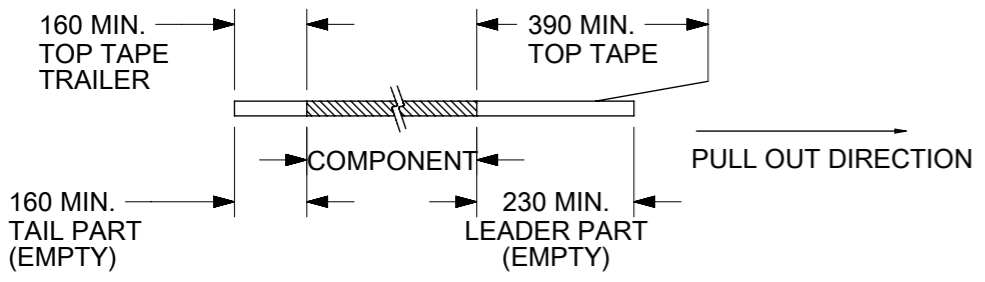
DOCUMENT NUMBER: SD-87340-XX01
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: L9

PRODUCT CUSTOMER DRAWING

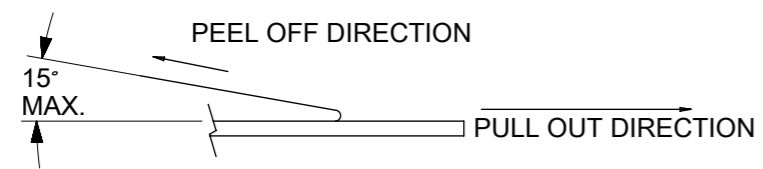
MOLEX
 MGRID
 VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT



NOTES:
1. LEADER AND TRAILER TAPE



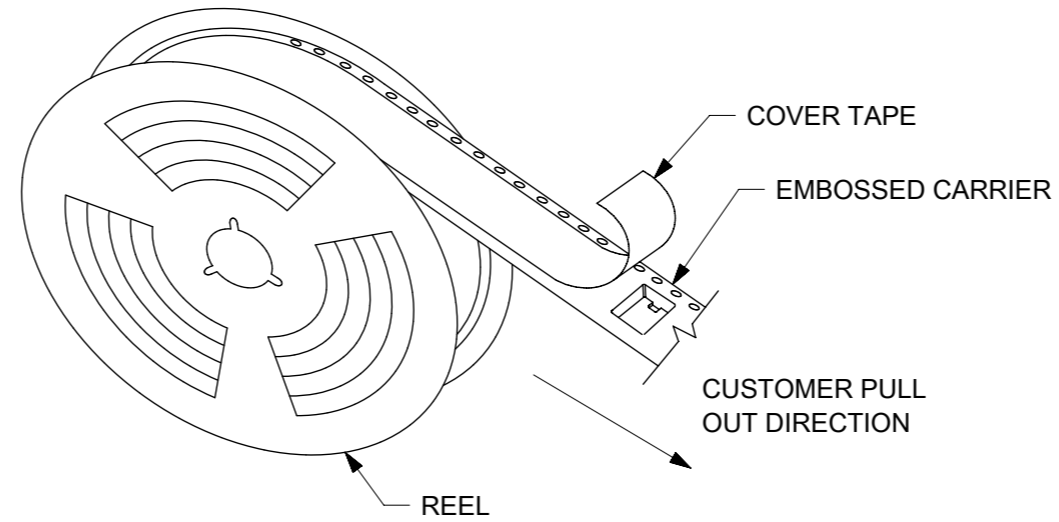
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.
4. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.
5. TAPE & REEL QUANTITY : TBA

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO ECTR						molex		
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 172635		2018/02/20		MGRID				
				DRWN: RMV02		2018/05/25		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT				
4 PLACES ±				CHK'D: CD		2018/05/30		PRODUCT CUSTOMER DRAWING				
3 PLACES ±				APPR: GGA				DOCUMENT NUMBER				
2 PLACES ± 0.2				INITIAL REVISION:				SD-87340-XX01		DOC TYPE	DOC PART	REVISION
1 PLACE ±				DRWN: JKACHLI		1991/07/02		PSD	001	L9		
0 PLACES ±				APPR: MLONG		2009/11/24		SEE TABLE	GENERAL MARKET		SHEET NUMBER	
ANGULAR TOL ± 3.0°				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	2 OF 3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE	87340	SEE TABLE	GENERAL MARKET					

PART NO. IN TUBE	PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko	So
87340-0424	87340-0429	04	6.60	4.50	7.50	16.00	2.85	-
87340-1014	87340-1019	10	6.70	10.40	11.50	24.00	5.30	-
87340-1613	87340-1618	16	6.60	16.30	11.50	24.00	4.40	-
87340-1424	87340-1429	14	6.60	14.40	11.50	24.00	4.40	-
87340-1813	87340-1818	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-1814	87340-1819	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-2024	87340-2029	20	6.60	20.30	20.20	44.00	5.40	40.40



TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO ECTR				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 172635		2018/02/20		MGRID	
4 PLACES		±	±	DRWN: RMV02		2018/05/25		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	
3 PLACES		±	±	CHK'D: CD		2018/05/30		PRODUCT CUSTOMER DRAWING	
2 PLACES		±	0.2	APPR: GGA				DOCUMENT NUMBER	
1 PLACE		±	±	INITIAL REVISION:		1991/07/02		SD-87340-XX01	
0 PLACES		±	±	DRWN: JKACHLI		2009/11/24		DOC TYPE	
ANGULAR TOL		±	3.0°	APPR: MLONG				PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87340		SEE TABLE	
				CUSTOMER		GENERAL MARKET		SHEET NUMBER	
								3 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/30	10:36:19
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