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Part Number: [0533532071](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Header, Surface Mount, Dual Row, Vertical Stacking, 7.00 and 8.00mm (.276 and .315") Stacking Heights, Lead-free, 20 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52465-010 \(PDF\)](#)
[Product Specification PS-52588-032 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [53353](#)
Application Board-to-Board
Product Name N/A

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Durability (mating cycles max) 30
Glow-Wire Compliant No
Lock to Mating Part None
Mated Height (in) 0.276 In, 0.315 In
Mated Height (mm) 7.00 mm, 8.00 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.031 In
Pitch - Mating Interface (mm) 0.80 mm
Polarized to PCB No
Stackable No
Temperature Range - Operating -20°C to +105°C
Termination Interface: Style Surface Mount

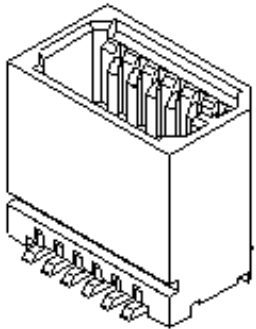
Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Product Specification PS-52465-010, PS-52588-032, RPS-52465-042, RPS-52465-044
Sales Drawing SD-53353-003, SD-53353-004



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



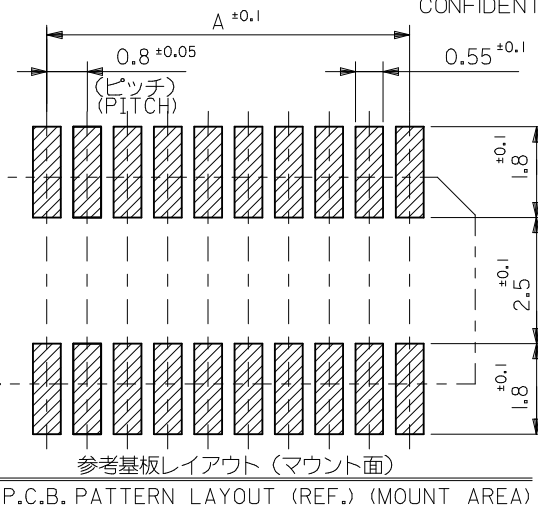
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[53353Series](#)

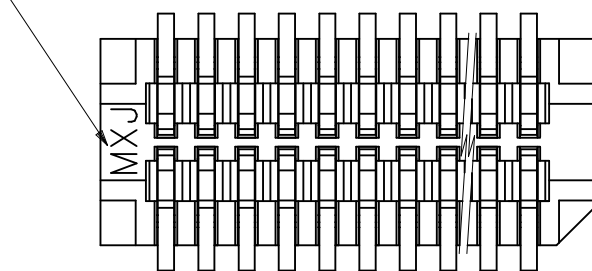
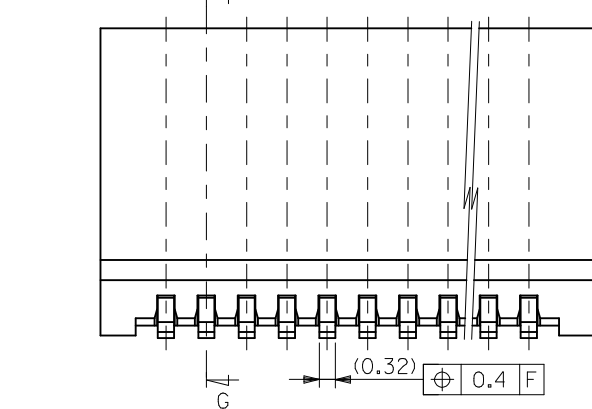
Mates With
[52465](#) PCB Receptacle, [52588](#) PCB Receptacle



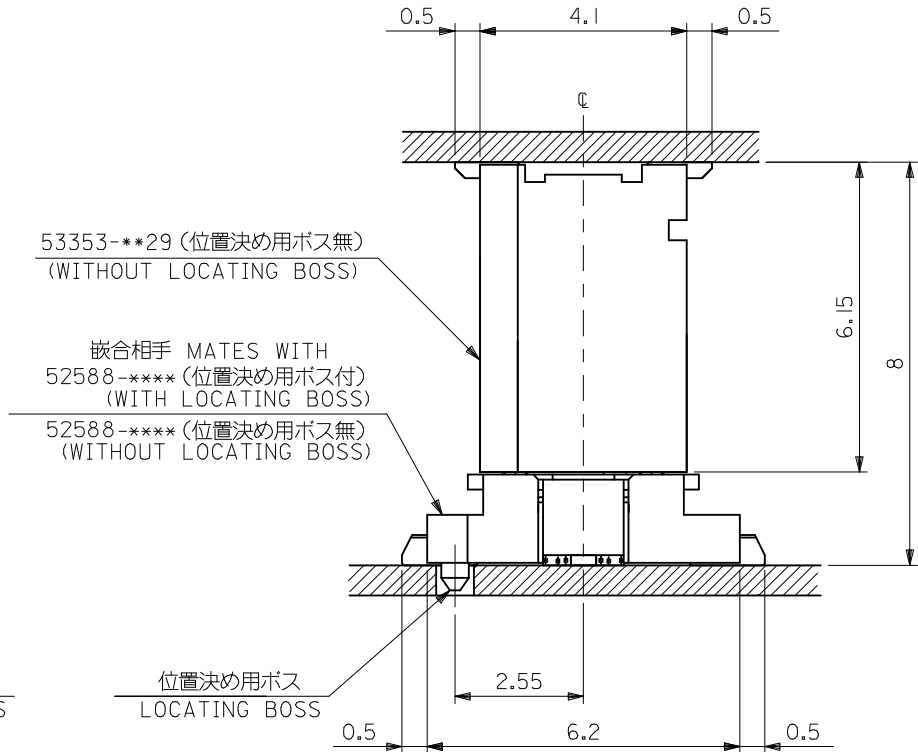
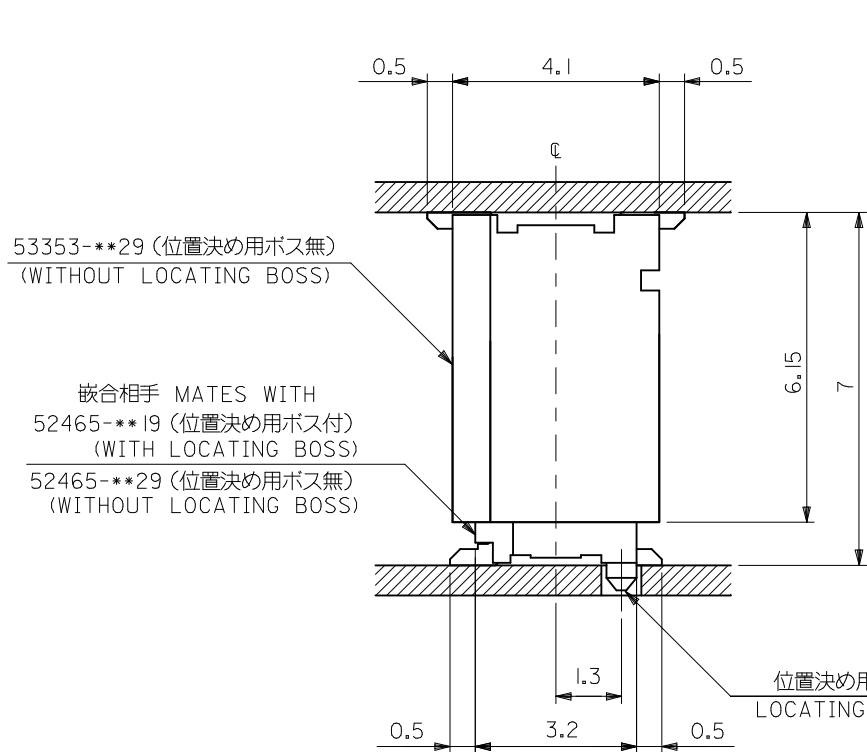
注記 NOTES

1. 嵌合相手 : 52465.52588 シリーズ
MATES WITH : 52465.52588 SERIES
2. △エッジの 1/2 へ隣接するピンに ♯ の位置を示す。
SHOW POSITION FROM ♯ OF WAFER TO ♯ OF ADJACENT PINS.
3. ELV 及び RoHS 適合品。
ELV AND ROHS COMPLIANT.
4. テール平坦度 : 0.1MAX.
COPLANARITY : 0.1MAXIMUM

0.4	17.8	16.9	15.2	_____	53353-4071	40
0.4	16.2	15.3	13.6	_____	53353-3671	36
0.8	13.8	12.9	11.2	53353-3029	53353-3071	30
0.4	13.0	12.1	10.4	_____	53353-2871	28
0.8	10.6	9.7	8.0	_____	53353-2271	22
0.4	9.8	8.9	7.2	_____	53353-2071	20
0.8	9.0	8.1	6.4	_____	53353-1871	18
0.4	8.2	7.3	5.6	_____	53353-1671	16
0.8	7.4	6.5	4.8	_____	53353-1471	14
0.4	6.6	5.7	4.0	_____	53353-1271	12
0.8	5.8	4.9	3.2	_____	53353-1071	10
D	C	B	A	TRAY PACKAGE	EMBOSSED PACKAGE	極数 CIRCUIT
				オーダー番号 ORDER NO.		
				CONNECTOR SERIES No. : 53353-**-29		



REVISED EC NO.: J2010-0376 DRAWN:TKA1H0 CHKD:SMARUYAMA APPR:MSASAO	DESCRIPTION 2009/09/25 2009/09/25 2009/09/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± ---	DRAWN BY Y.WADA	DATE 2004/3/4	TITLE 0.8 B/B CONN. WAFER ASSY ST. SMT(WITHOUT BOSS)					
		10 OVER 30 UNDER	± ---	CHECKED BY M.SASAO	DATE 2004/3/4						
		30 OVER	± ---	APPROVED BY M.SASAO	DATE 2004/3/4	MOLEX INCORPORATED					
		ANGULAR ± --- °		MATERIAL NO.							DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53353-003				1 OF 2		
A	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



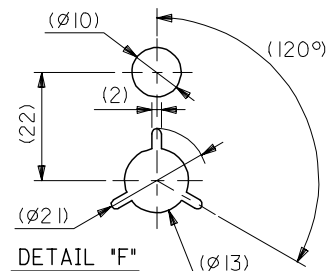
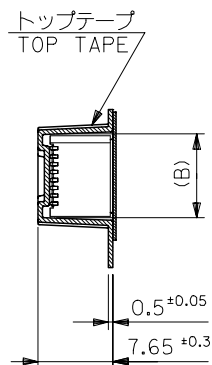
嵌合状態図 (参考)
MATED DRAWING (REF.)

REVISED EC NO: J2010-0376 DRWN:TKA IHO CHKD:SMRUYAMA APPR:MSASAO 2009/09/25 2009/09/25 2009/09/25	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ++	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		10 UNDER	± ---	DRAWN BY Y.WADA	DATE 2004/3/4	TITLE 0.8 B/B CONN. WAFER ASSY ST. SMT(WITHOUT BOSS)							
		10 OVER 30 UNDER	± ---	CHECKED BY M.SASAO	DATE 2004/3/4								
		30 OVER	± ---	APPROVED BY M.SASAO	DATE 2004/3/4	MOLEX INCORPORATED							
		ANGULAR ± --- °		MATERIAL NO.							DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							SD-53353-003		2 OF 2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

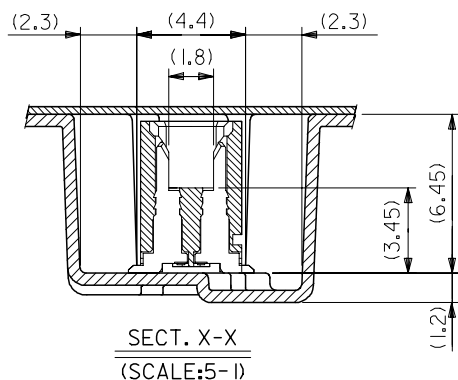
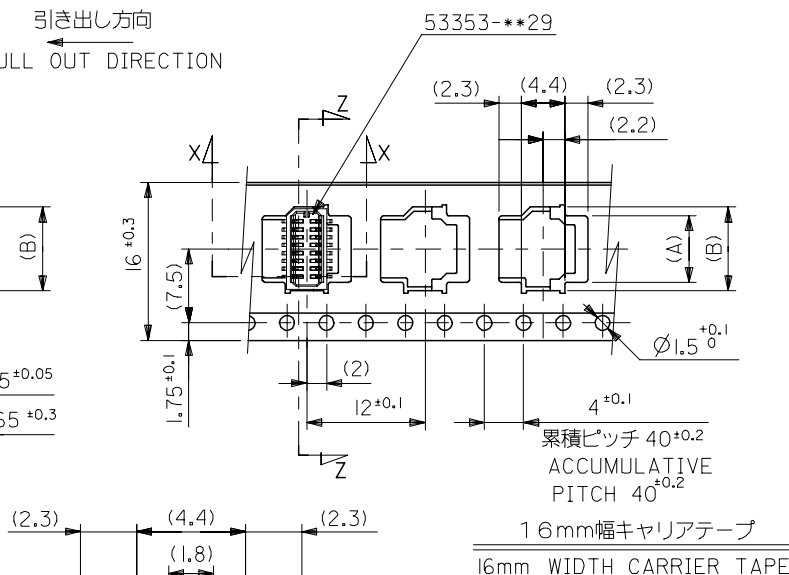
10 9 8 7 6 5 4 3 2 1

引き出し方向
PULL OUT DIRECTION

REEL

引き出し方向
PULL OUT DIRECTION

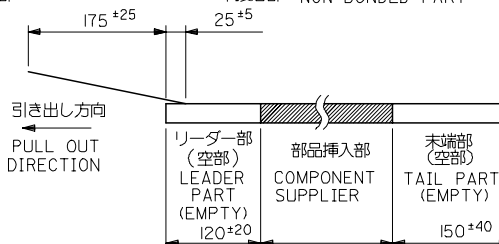
SECT. Z-Z

SECT. X-X
(SCALE:5-1)

注記 NOTES

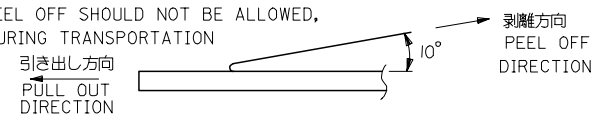
1. 梱包数量: 1000個/リール NUMBER OF CONNECTORS: 1000PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH

トップテープ TOP TAPE
リーダー部 LEADER PART
未接着部 NON-BONDED PART



3. トップテープの剥離強度: (剥離方向は下図参照)
0. 1~1. 3N {10~130gf} 尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)

PEELING OFF FORCE OF TOP TAPE
0. 1~1. 3N {10~130gf} (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



4. 材料 MATERIAL
キャリアテープ: ポリプロピレン (PP) CARRIER TAPE: POLYPROPYLENE
トップテープ: PET, PE, PEF TOP TAPE: PET, PE, PEF
リール: ポリスチレン (PS) REEL: POLYSTYRENE (PS)
<リサイクル材を含む> <RECYCLE MATERIAL CONTAINED>

5. 本製品は53353-**-91の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53353-**-91.

16	21.4	17.4	8.5	6.7	53353-1671	16
			7.7	5.9	53353-1471	14
			6.9	5.1	53353-1271	12
			6.1	4.3	53353-1071	10
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

MODEL NO. 53353-**-71
THIRD ANGLE PROJECTION

REVISED EC NO: J2005-2/59 DRAWN: KENSUJUKI CHKD: NUKITA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 53353-004	THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY YWADA	DATE 2004/03/04	TITLE 0.8 BTB CONN WAFER ASSY ST SMT WITHOUT BOSS EMBTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY MSASAO	DATE 2004/03/04				
		30 OVER	±0.3	APPROVED BY MSASAO	DATE 2004/03/04	MOLEX MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53353-004		1 OF 2	
A		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

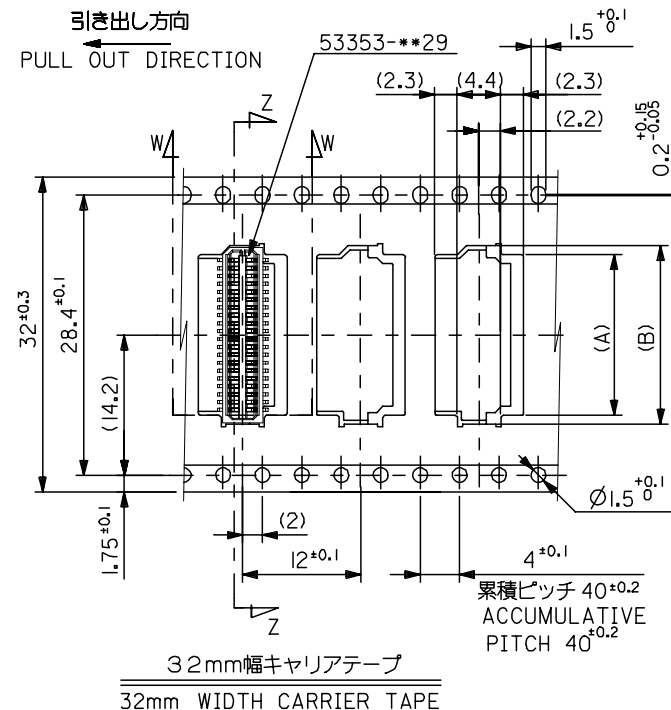
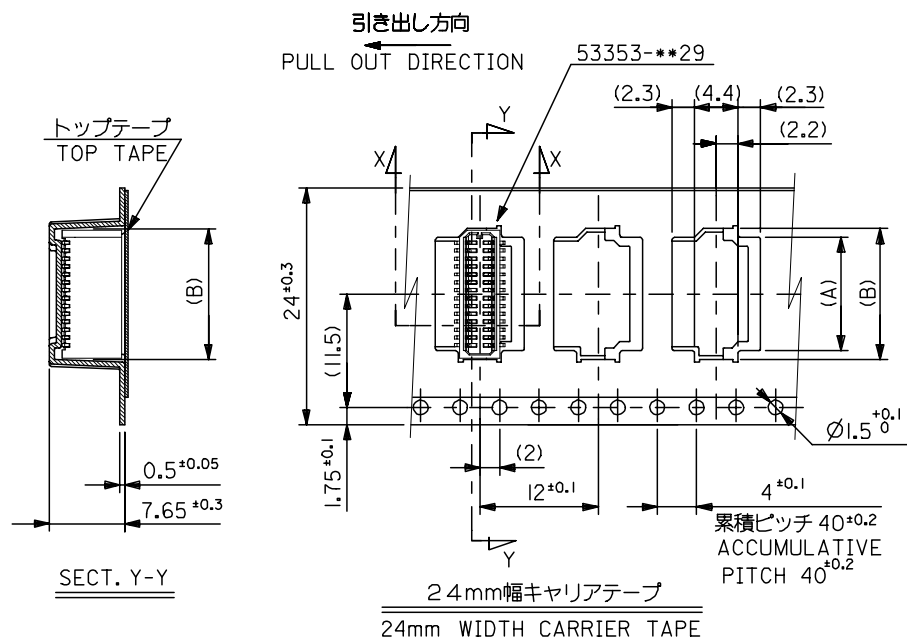
E

D

C

B

A



32	37.4	33.4	18.1	16.3	53353-4071	40
			16.5	14.7	53353-3671	36
24	29.4	25.4	14.1	12.3	53353-3071	30
			13.3	11.5	53353-2871	28
			10.9	9.1	53353-2271	22
			10.1	8.3	53353-2071	20
			9.3	7.5	53353-1871	18
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2005-2/59 DRAWN: KENSUJUKI CHKD: NUKITA APPR: NUKITA		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		MODEL NO. 53353-**-71	
10 UNDER		± 0.2		DRAWN BY YWADA		DATE 2004/03/04		TITLE 0.8 BTB CONN WAFER ASSY ST SMT WITHOUT BOSS EMBTP PKG -LEAD FREE-		THIRD ANGLE PROJECTION	
10 OVER 30 UNDER		± 0.25		CHECKED BY MSASAO		DATE 2004/03/04		APPROVED BY MSASAO		DATE 2004/03/04	
30 OVER		± 0.3		APPROVED BY MSASAO		DATE 2004/03/04		MATERIAL NO.		DOCUMENT NO. SD-53353-004	
ANGULAR		$\pm 3^\circ$		MATERIAL NO.		DATE		SHEET NO. 2 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
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