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Part Number: [0548611470](#)
Status: **Active**
Description: 2.00mm (.079") Pitch HIC/LCD Pin Connector, Vertical, SMT, 14 Circuits, Lead Free

Documents:
[3D Model](#) [Product Specification PS-54861-005 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Other Sockets
Series	54861
Component Type	Socket
Product Name	N/A
Physical	
Circuits (Loaded)	14
Color - Resin	Natural
Durability (mating cycles max)	10
Entry Angle	Vertical
Keying to Mating Part	N/A
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers	
Product Specification	PS-54861-005, RPS-54861-014
Sales Drawing	SD-54861-006, SD-54861-013

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

China RoHS



Need more information on product environmental compliance?

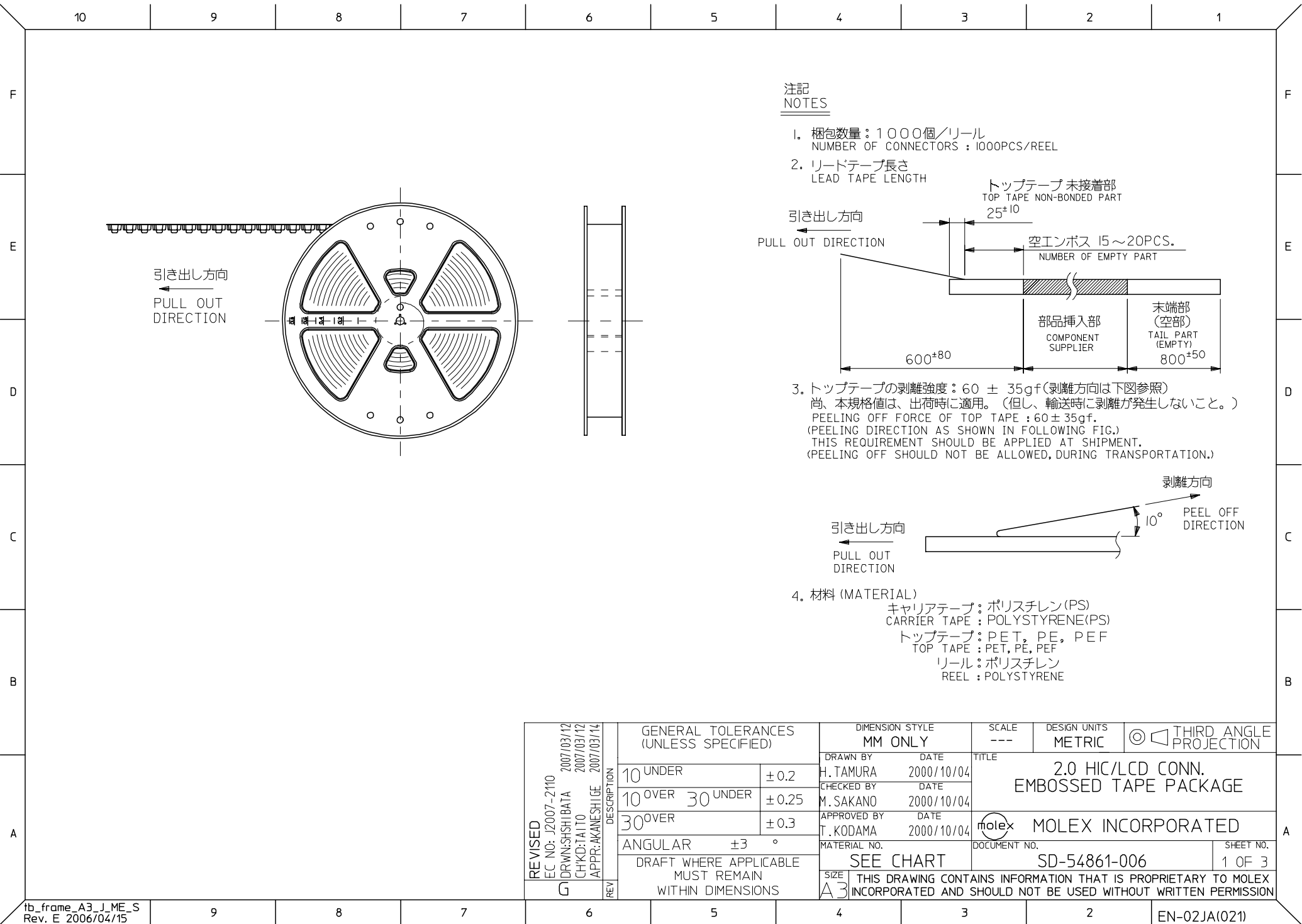
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

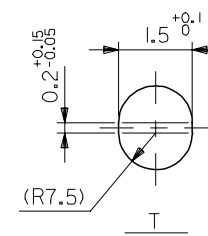
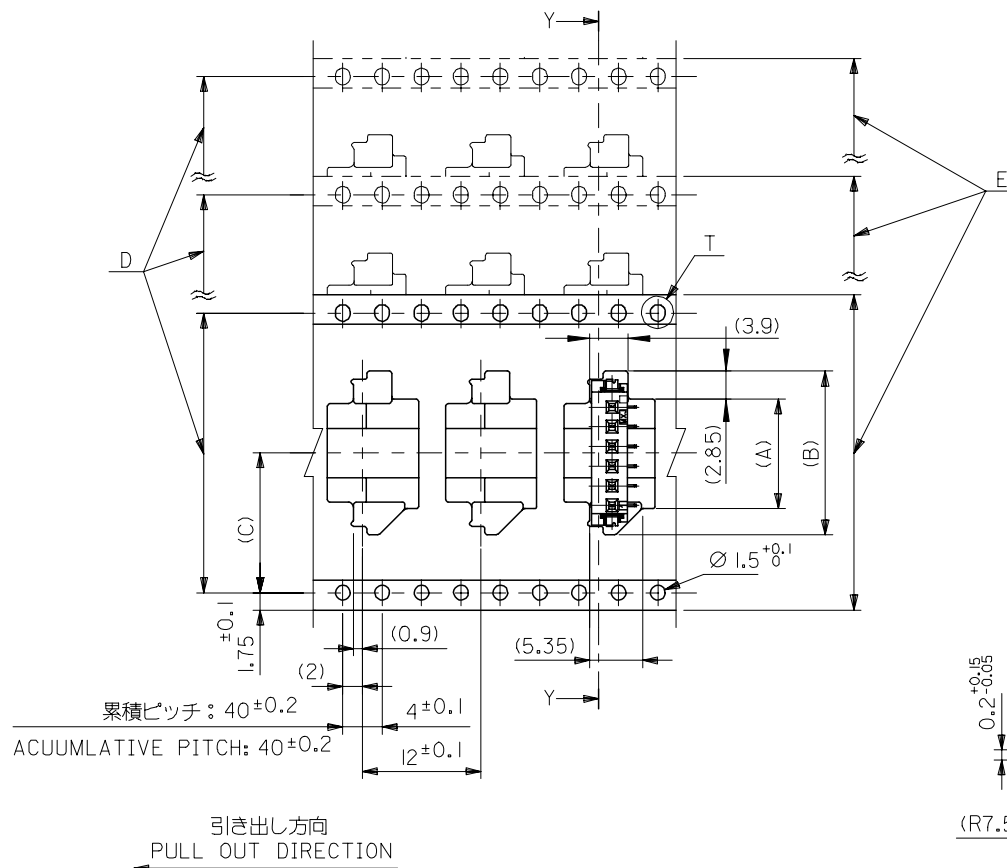
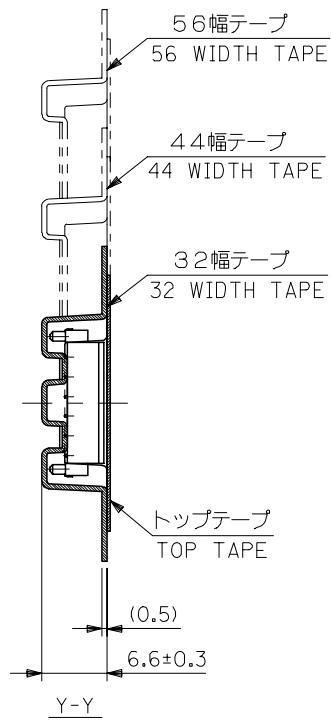
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[54861Series](#)

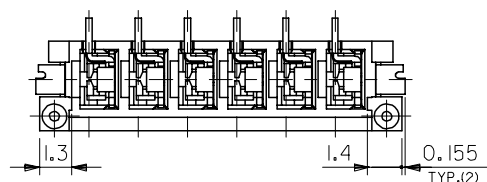
Mates With
LCD Pin|HIC Pin

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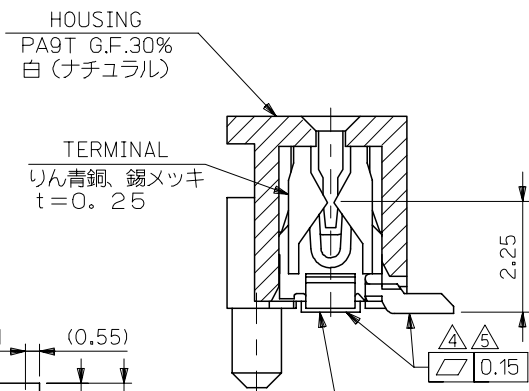


REVISED EC NO: J2007-2110 DRWN:SHIBATA 2007/03/12 CHKD:TAITO 2007/03/12 APPR:AKANEHIGE 2007/03/14 G	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY H. TAMURA	DATE 2000/10/04	TITLE 2.0 HIC/LCD CONN. EMBOSSED TAPE PACKAGE			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SAKANO	DATE 2000/10/04				
		30 OVER	± 0.3	APPROVED BY T. KODAMA	DATE 2000/10/04	molex MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54861-006		2 OF 3		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

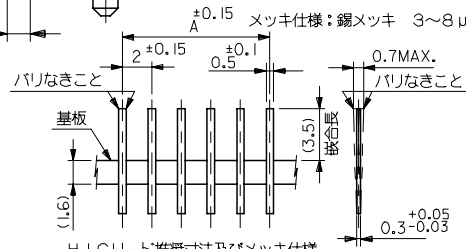


注記
 NOTES

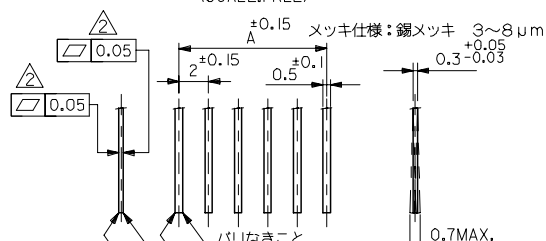
1. 嵌合相手：HICリード、LCDリード(0.3X0.5)
MATE WITH :HIC LEAD, LCD LEAD(0.3X0.5)
 - △ LCDリードの反りは0.05MAX.
CAMBER OF LCD LEAD 0.05MAX.
 - △ 公差非累積のこと。
NON-ACCUMULATIVE.
 - △ 水平面上に置いて各ソルダータールと各フィッティングネイル間で維持すること。
TO MAINTAIN AT EVERY SOLDER TAIL AND FITTING NAIL.
 - △ リフロー後のソルダータールとフィッティングネイルの平坦度は 0.15 MAX. とする。
TAIL AND NAIL COPLANARITY AFTER REFLOW TO BE 0.15 MAX.



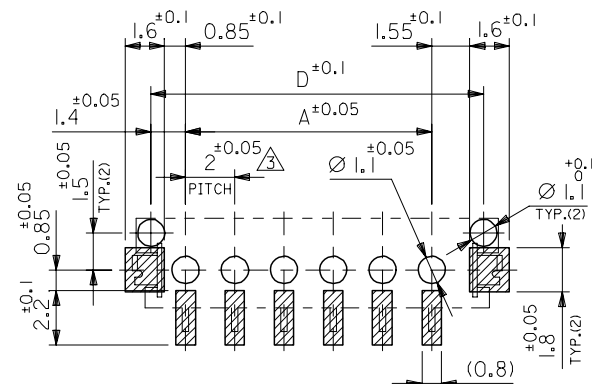
FITTING NAIL
りん青銅、錫メッキ
t=0.2

 $8 \mu\text{m}$ 

HICリード推奨寸法及びメッキ仕様
(SCALF:FRFF)



LCDリード推奨寸法及びメッキ仕様 (SCALE:FREE)



参考基板レイアウト（マウント面）
P.C.B. PATTERN LAYOUT(REF.)
(MOUNT AREA)

1.35	41.5	42.7	40.3	38	5486 I-2019	20
0.35	39.5	40.7	38.3	36	5486 I-1919	19
1.35	37.5	38.7	36.3	34	5486 I-1819	18
0.35	35.5	36.7	34.3	32	5486 I-1719	17
1.35	33.5	34.7	32.3	30	5486 I-1619	16
0.35	31.5	32.7	30.3	28	5486 I-1519	15
1.35	29.5	30.7	28.3	26	5486 I-1419	14
0.35	27.5	28.7	26.3	24	5486 I-1319	13
1.35	25.5	26.7	24.3	22	5486 I-1219	12
0.35	23.5	24.7	22.3	20	5486 I-1119	11
1.35	21.5	22.7	20.3	18	5486 I-1019	10
0.35	19.5	20.7	18.3	16	5486 I-0919	9
1.35	17.5	18.7	16.3	14	5486 I-0819	8
0.35	15.5	16.7	14.3	12	5486 I-0719	7
1.35	13.5	14.7	12.3	10	5486 I-0619	6
E	D	C	B	A	MATERIAL NO.	CKT.

MODEL NO. 54861-**-19

DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY SHSH/BATA	DATE 2006/6/20	TITLE 2.0 HIC/LCD CONN. HOUSING ASSY -LEAD FREE-		
CHECKED BY TAITO	DATE 2006/6/20			
APPROVED BY AKANESHIGE	DATE 2006/6/20			
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-54861-013		SHEET NO. 1 OF 1
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				