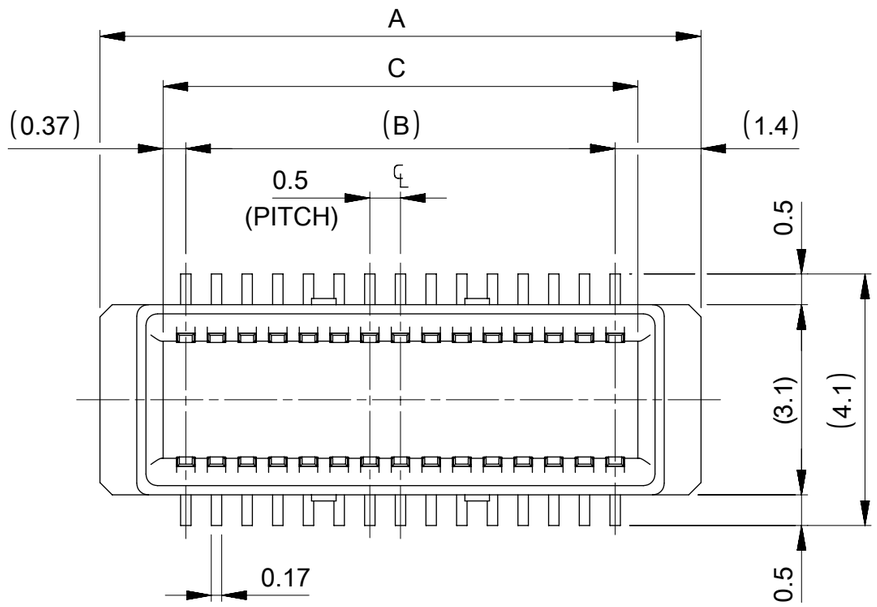
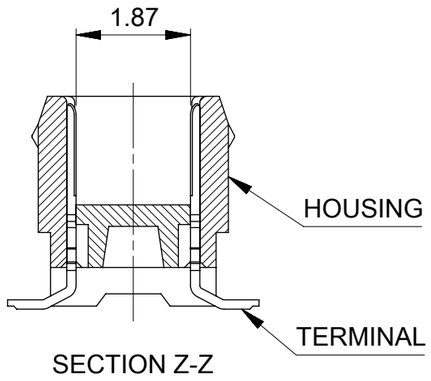
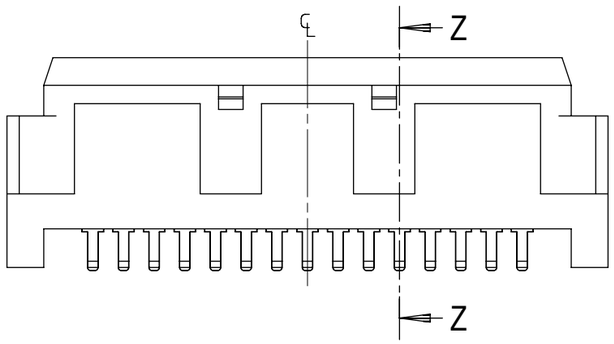
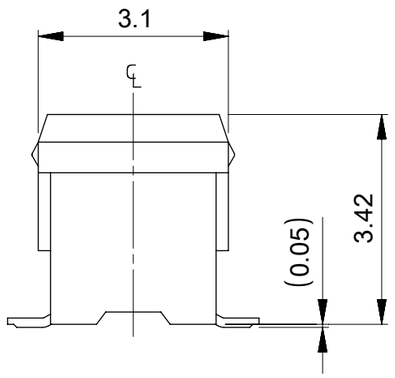
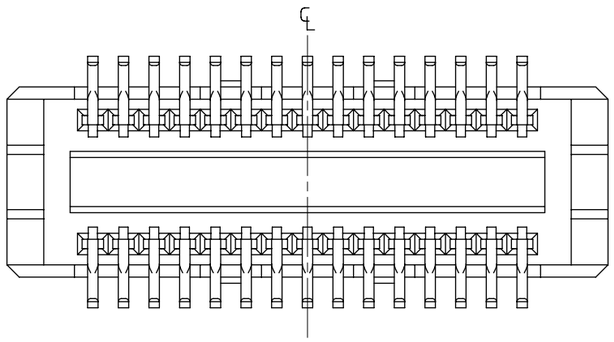




SECTION Z-Z







NOTES

1．材質
MATERIAL
ハウジング：LCP (液晶ポリマー) 、ガラス充填、黒色、UL94V-0
HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER ,BLACK ,UL94V-0
ターミナル：銅合金 (t=0.15)
TERMINAL: COPPER ALLOY (t=0.15)

2．メッキ仕様
PLATING
ターミナル
TERMINAL
接点部：金メッキ
CONTACT AREA:GOLD
半田付け部：錫メッキ
SOLDER TAIL AREA : TIN
下地メッキ：ニッケルメッキ
UNDER PLATING : NICKEL

3. テール平坦度 : 0.1 MAXIMUM
COPLANARITY: 0.1 MAXIMUM

4. ELV AND RoHS COMPLIANT.

5. 嵌合相手： 52991シリーズ (嵌合高さ = 4mm)、54167シリーズ (嵌合高さ = 4mm)
MATE WITH: 52991 SERIES (HEIGHT = 4mm), AND 54167 SERIES (HEIGHT = 4mm)

12.74	12	14.8	501920-5001	50
10.24	9.5	12.3	501920-4001	40
7.74	7.0	9.8	501920-3001	30
C	B	A	EMBOSSED TAPE ORDER No.	極数 CIRCUIT
CONNECTOR SERIES No.			501920-**09	

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	± 0.1
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION UNITS: mm
SCALE: 10:1

CURRENT REV DESC: REVISED

EC NO: 642297
DRWN: SUDAYGUNAGI 2020/08/10
CHK'D: HSHIMOYAMA 2020/11/30
APPR: SHOSHIKAWA 2020/11/30

INITIAL REVISION:
DRWN: M . I SOGAYA 2005/08/17
APPR: M . SASAO 2005/08/17

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501920

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 4 PLUG

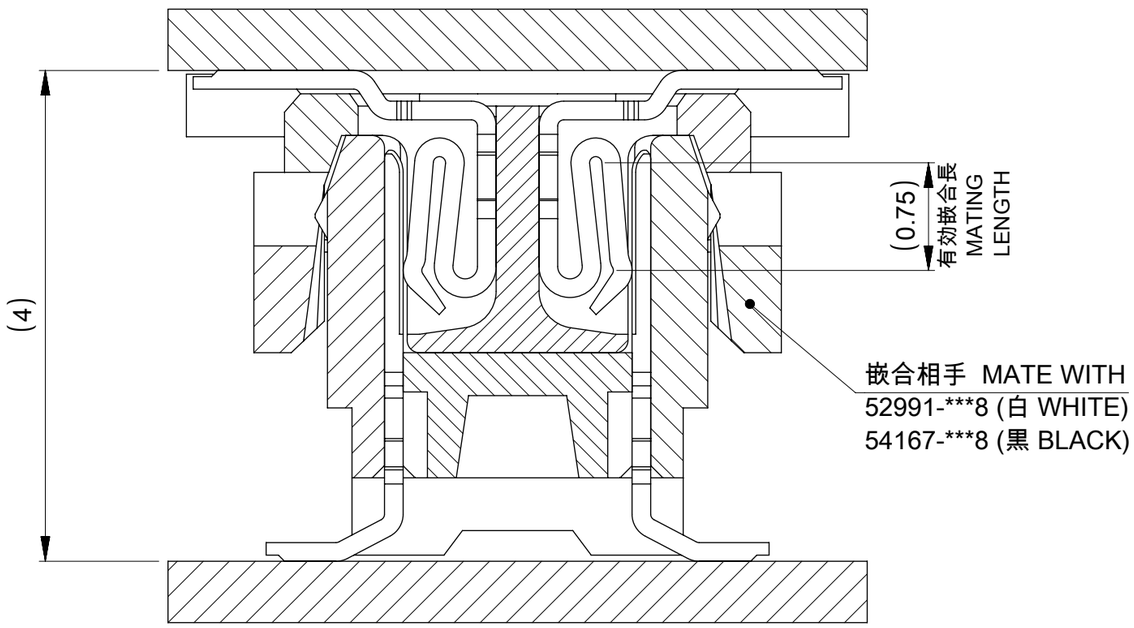
PRODUCT CUSTOMER DRAWING

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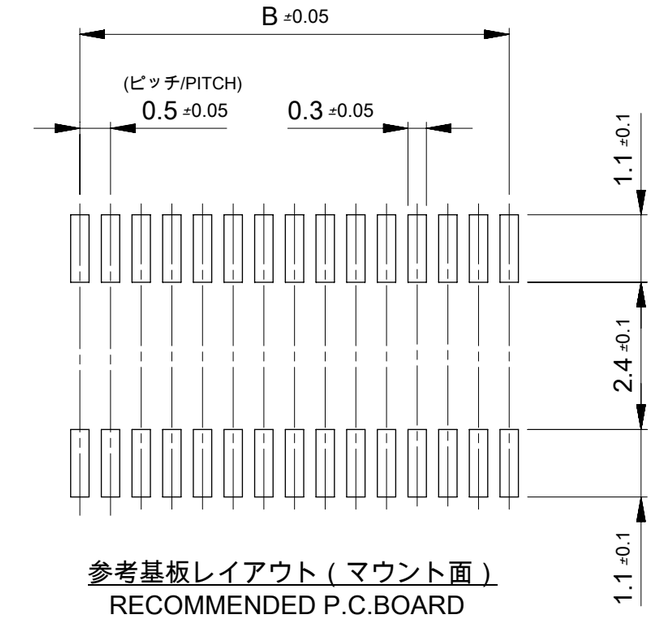
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/30 03:37:31

FORMAT: master-fb-prod-A3
DATE: 2020/01/14
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嵌合断面図（参考）
MATED DRAWING (REF.)



参考基板レイアウト（マウント面）
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNTING AREA) (SCALE 10:1)

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DIMENSION UNITS	SCALE
mm	20:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10^{UNDER}	±0.2
$10^{OVER}30^{UNDER}$	±0.25
30^{OVER}	±0.3
ANGULAR	±1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0 °
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	± 0.1
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REVISED

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INITIAL REVISION:
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molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 4 PLUG

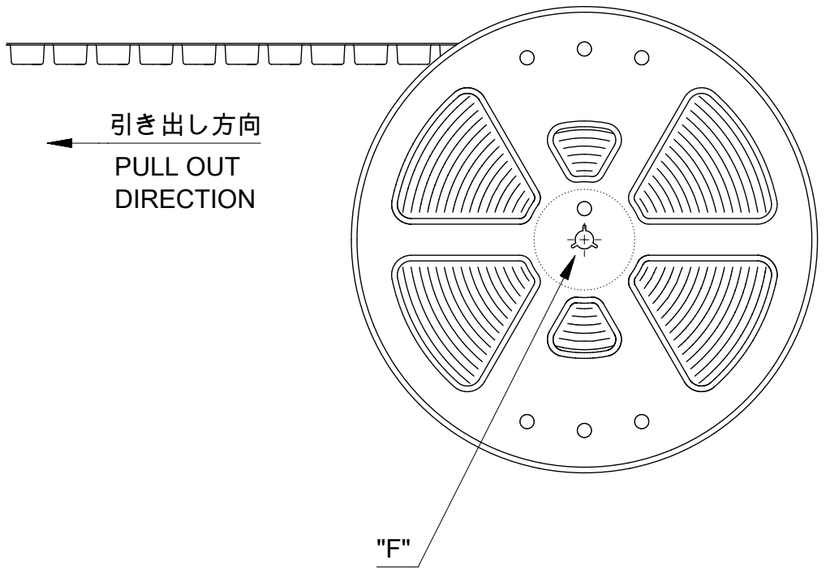
PRODUCT CUSTOMER DRAWING

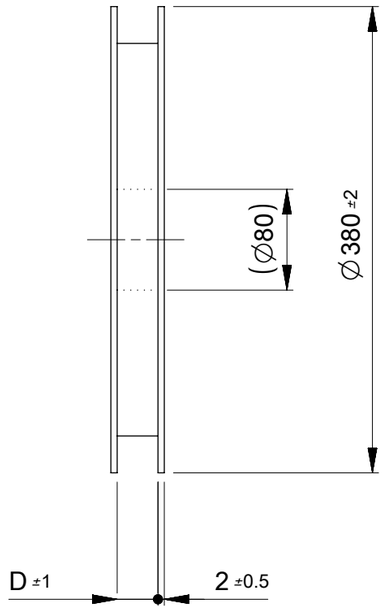
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SD-501920-001	PSD	001	C

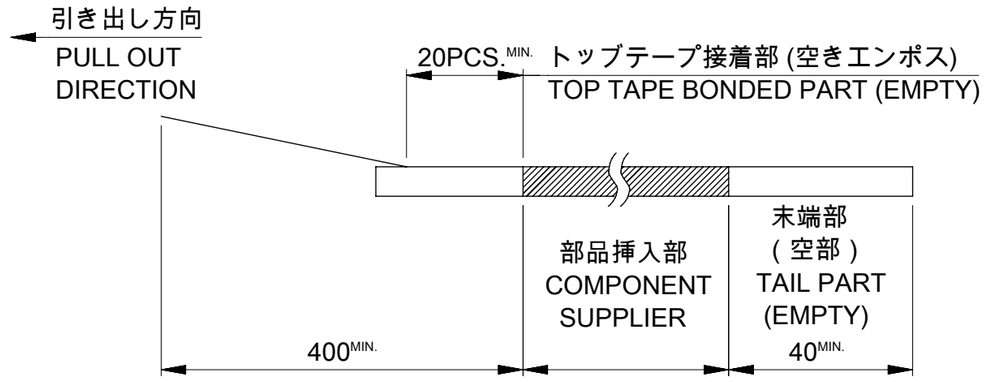
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	501920	SEE SHEET 1	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/30 03:37:31

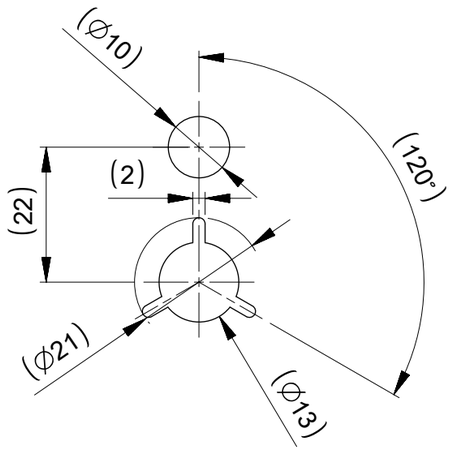
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NOTES
1. 製品詳細寸法については、製品単体図面を参照下さい。
   DETAIL DIMENSIONS, SEE SD-501920-001
2. 梱包数量 : 1500個 / リール
   NUMBER OF CONNECTORS : 1500PCS/REEL
3. リードテープ長さ
   LEAD TAPE LENGTH
4. カバーテープの剥離強度については、IEC60286-3に準拠
   COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
5. 材料　MATERIAL
   キャリアテープ : ポリプロピレン
   トップテープ : PET , PE , PEF
   リール : ポリスチレン (PS) <リサイクル材を含む >
   CARRIER TAPE : POLYPROPYLENE
   TOP TAPE : PET , PE , PEF
   REEL : POLYSTYREN(PS) <RECYCLE MATERIAL CONTANED>
6. ELV AND RoHS COMPLIANT.



DETAIL "F"

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

DIMENSION UNITS	SCALE
mm	---

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	± 0.1
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REVISED

EC NO: 649457
DRWN: SUDAYGUNAGI 2020/08/10
CHK'D: HSHIMOYAMA 2020/12/02
APPR: SHOSHIKAWA 2020/12/02

INITIAL REVISION:
DRWN: M . I SOGAYA 2005/08/18
APPR: M . SASAO 2005/08/18

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 4 PLUG EMBOSS TAPE PACKAGE

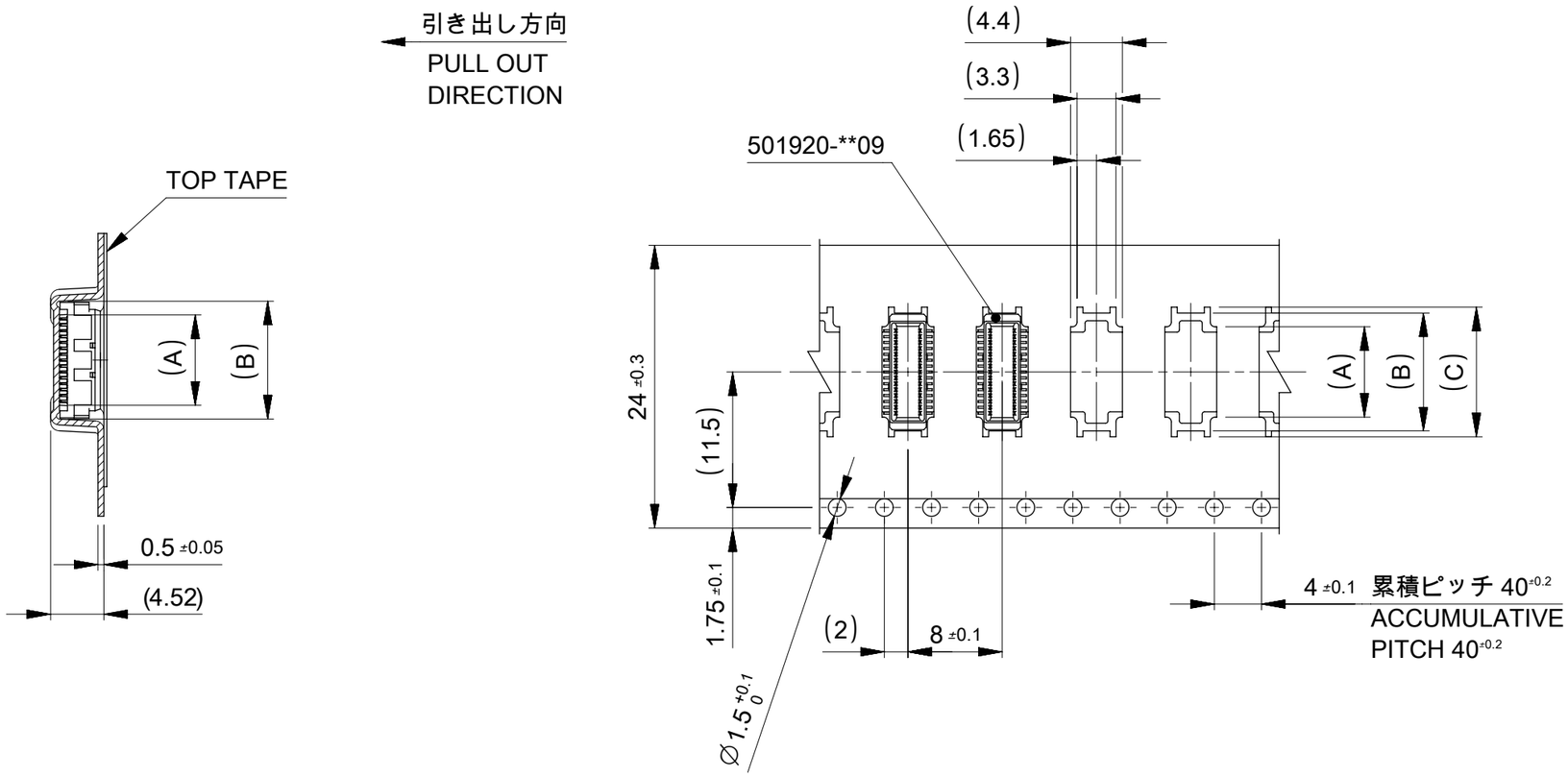
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-501920-002	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	501920	SEE SHEET 2	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/02 10:53:42

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24mm 幅キャリアテープ
24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	CIRCUIT
24	25.4	16.0	15.0	12.67	501920-5001	50
		13.5	12.5	10.17	501920-4001	40
		11.0	10.0	7.67	501920-3001	30

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GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION UNITS	SCALE
mm	---

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	1.0 °
4 PLACES	±	0.2
3 PLACES	±	0.25
2 PLACES	±	0.3
1 PLACE	±	0.1
0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: REVISED

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INITIAL REVISION:
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APPR: M . SASAO 2005/08/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501920

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 4 PLUG EMBOSS TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-501920-002	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	2 OF 2

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