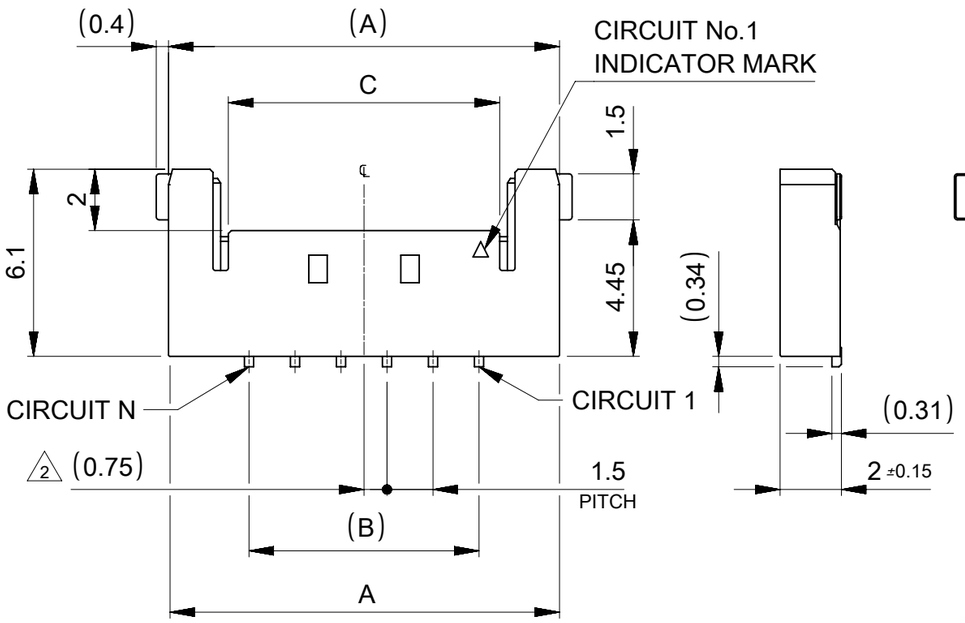
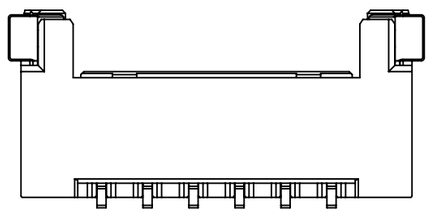
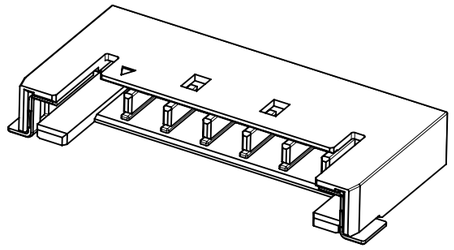
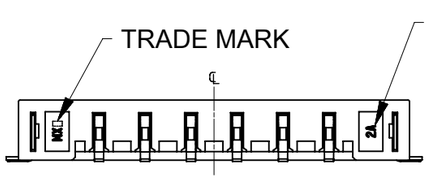










NOTE.

1．嵌合相手：５０４０５１＊＊＊＊
MATE WITH : 504051****

△2 偶数極の製品に適用
APPLY EVEN CIRCUIT PRODUCTS.

3．材質
MATERIAL
ハウジング：ポリアミド(PA)
UL９４－Ｖ０　BLACK
HOUSING : POLYAMIDE(PA)
UL94-V0 BLACK
ターミナル、ネール：銅合金
TERMINAL、NAIL: COPPER ALLOY

4．めっき
PLATING
ターミナル：ニッケル下地めっき 1.0micro-meter MIN.、
コンタクト：金めっき0.1micro-meter MIN.　半田付け部：金めっき
TERMINAL : UNDER NICKEL PLATING 1.0micro-meter MIN. CONTACT ：
GOLD PLATING0.1micro-meter MIN.　TAIL：GOLD PLATING
ネール：ニッケル下地めっき 1.0micro-meter MIN. 錫めっき 1.0micro-meter MIN.
NAIL:UNDER NICKEL PLATING 1.0micro-meter MIN.
TIN PLATING 1.0micro-meter MIN.

5．ソルダーテイルとネイルの平坦度：0.08mm MAX.
SOLDER TAIL AND FITTING NAIL COPLANARITY：0.08mm MAX.

6．ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

7．製品仕様及び取扱いについては、製品仕様書PS-504051-001
及びコネクタ取扱説明書AS-504051-001を参照願います。
PLEASE REFER TO PRODUCT SPECIFICATION PS-504051-001
AND APPLICATION SPECIFICATION AS-504051-001.

8．梱包仕様書： SPK-504050-001.
PACKING INFORMATION SPK-504050-001.

17.85	16.5	21.75	12
14.85	13.5	18.75	10
11.85	10.5	15.75	8
10.35	9.0	14.25	7
8.85	7.5	12.75	6
7.35	6.0	11.25	5
5.85	4.5	9.75	4
C	B	A	極数 CIRCUIT SIZE

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

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2018/03/14
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2018/03/14
APPR: KOMURAKAMI 2019/02/18

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 4-8, 10,12

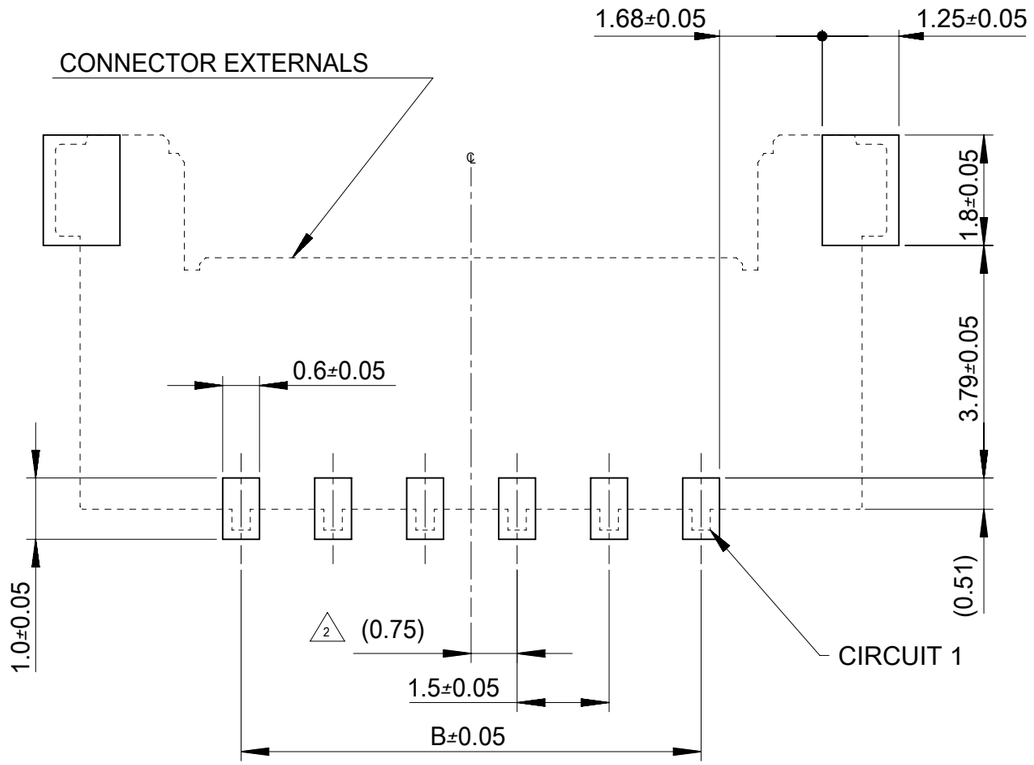
PRODUCT CUSTOMER DRAWING

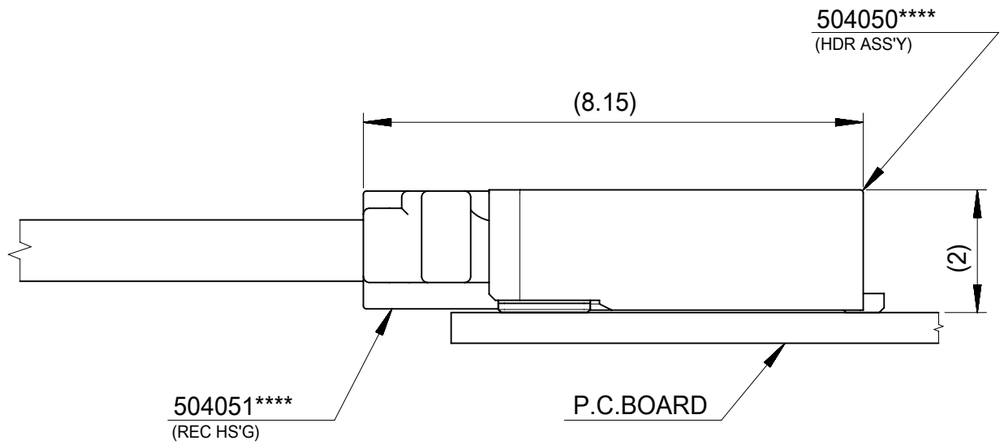
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	504050	SEE CHART OF SHEET 1		1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:43

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18



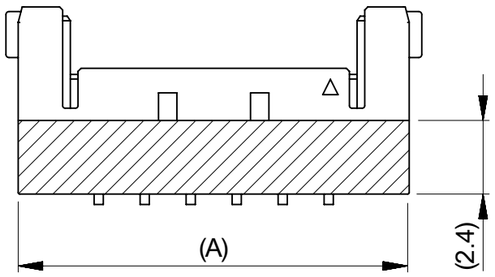


MATED CONNECTORS

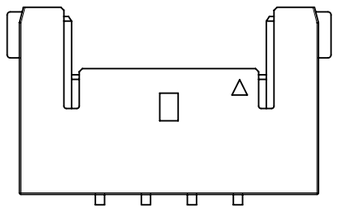
RECOMMENDED PATTERN LAYOUT (REF.)

推奨メタルマスク厚さ:0.1mm、開口率:100%。
RECOMMEND STENCIL MASK THICKNESS: 0.1mm, APERTURE RATIO: 100%.

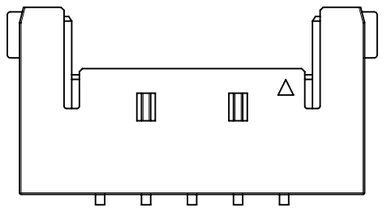
吸着エリア
PICK-UP AREA



NUMBER of LOCK



4 CIRCUITS



5-12 CIRCUITS

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2018/03/14
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2018/03/14
APPR: KOMURAKAMI 2019/02/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 504050

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 4-8, 10,12

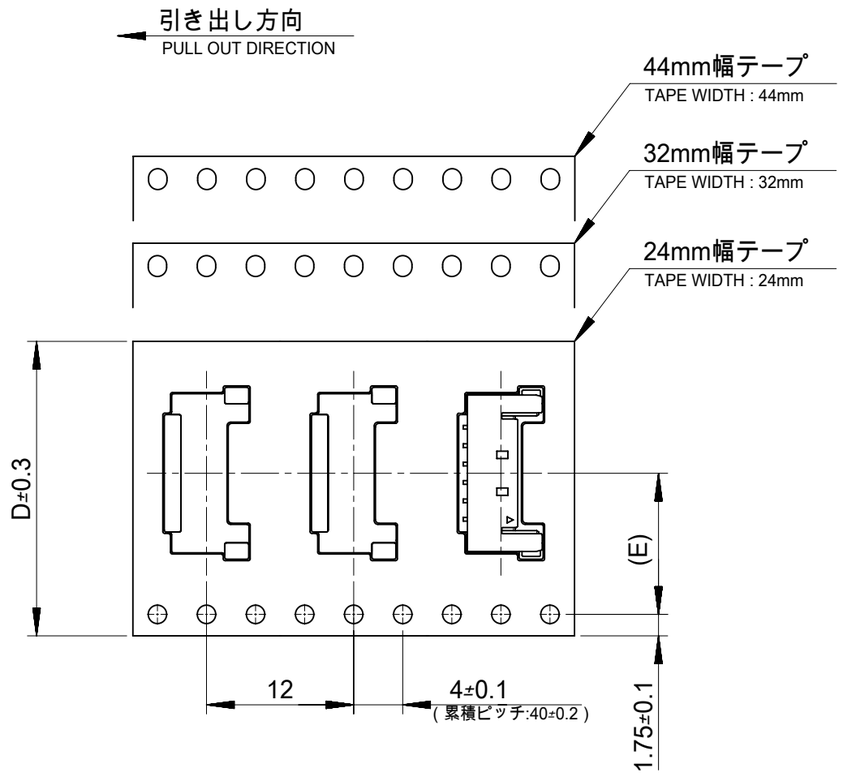
PRODUCT CUSTOMER DRAWING

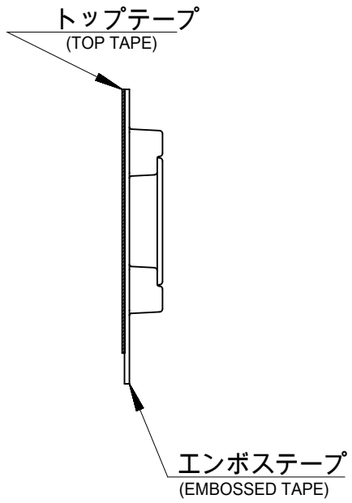
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART OF SHEET 1		2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:43

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18

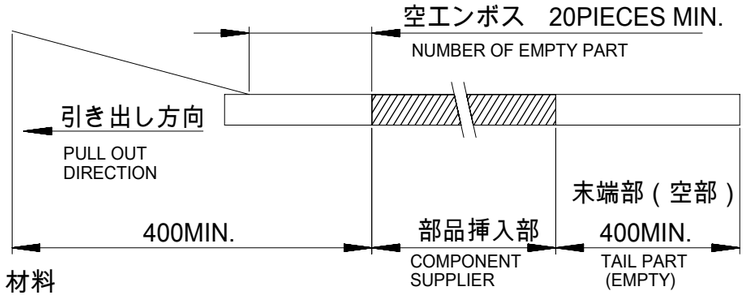




NOTE

1．梱包数量：　２７００個　/ リール
NUMBER OF CONNECTORS : 2700 PIECES/REEL

2．リードテープ長さ
LEAD TAPE LENGTH

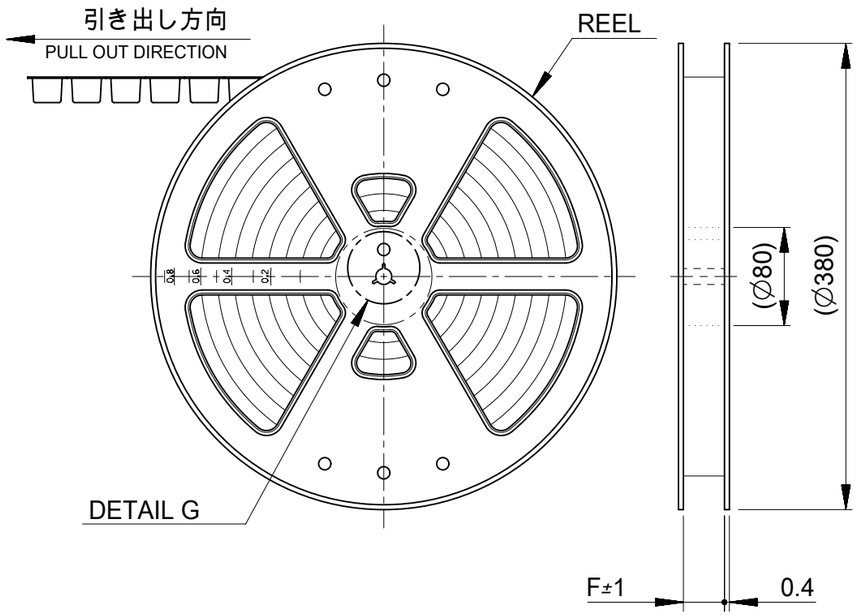


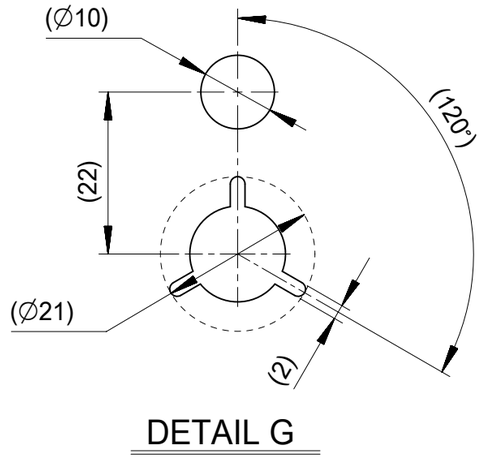
3．材料
MATERIALS
キャリアテープ:ポリスチレン(PS)
CARRIER TAPE : POLYSTYRENE(PS)
トップテープ:ポリエチレン(PE)、ポリエチレンテレフタレート(PET)
TOP TAPE :POLYETHLENE(PE) ,
POLYETHYLENE TEREPHTHALATE(PET)
リール:ポリスチレン(PS)（リサイクル材を含む）
REEL : POLYSTYRENE(PS) (RECYCLE MATERIAL CONTAINED)

4．ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

5．トップテープの剥離強度については、IEC６０２８６－３に準拠。
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

6. 梱包仕様書： SPK-504050-001.
PACKING INFORMATION SPK-504050-001.





D	E	F	発注番号 ORDER NO.	極数 CIRCUIT SIZE
45.5	20.2	44	5040501291	12
33.5	14.2	32	5040501091	10
33.5	14.2	32	5040500891	8
25.5	11.5	24	5040500791	7
25.5	11.5	24	5040500691	6
25.5	11.5	24	5040500591	5
25.5	11.5	24	5040500491	4

梱包状態：エンボス梱包
PACKAGING : EMBOSSED TAPE AND REEL

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2018/03/14
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2018/03/14
APPR: KOMURAKAMI 2019/02/18

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 4-8, 10,12

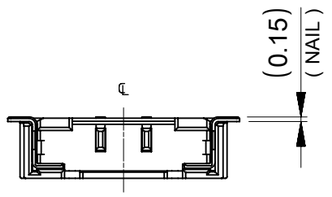
PRODUCT CUSTOMER DRAWING

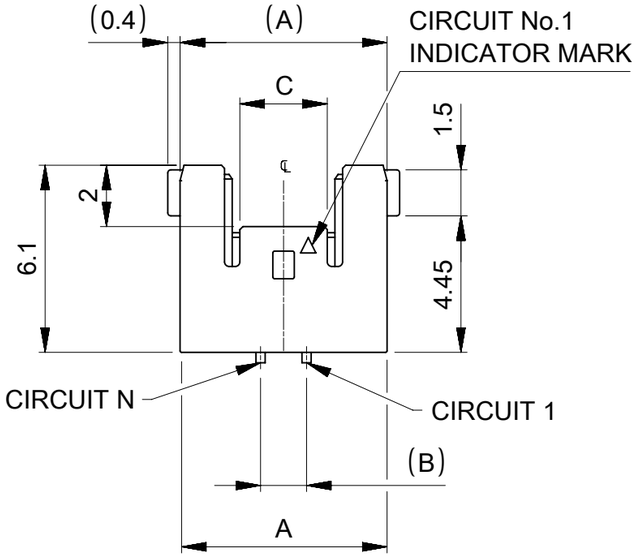
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	000	A

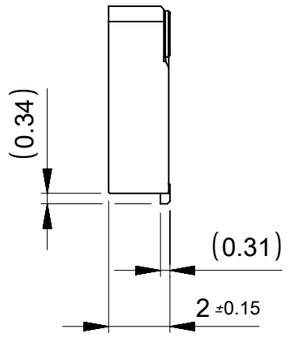
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	504050	SEE CHART OF SHEET 1		3 OF 3

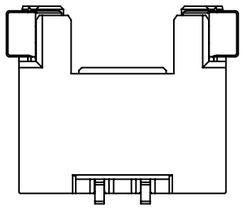
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:43

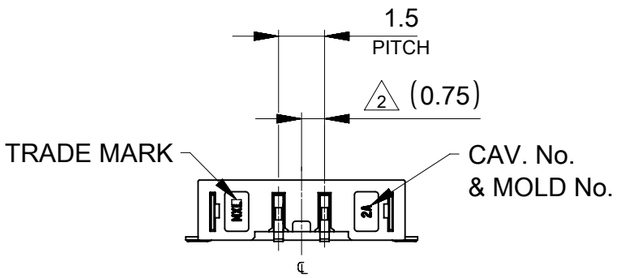
FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

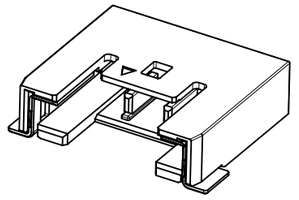












NOTE.

1．嵌合相手：５０４０５１＊＊＊＊
MATE WITH : 504051****

△2 偶数極の製品に適用
APPLY EVEN CIRCUIT PRODUCTS.

3．材質
MATERIAL
ハウジング：ポリアミド(PA)
UL９４－V０　BLACK
HOUSING : POLYAMIDE(PA)
UL94-V0 BLACK
ターミナル、ネール：銅合金
TERMINAL、NAIL: COPPER ALLOY

4．めっき
PLATING
ターミナル：ニッケル下地めっき 1.0micro-meter MIN.、
コンタクト：金めっき0.1micro-meter MIN.　半田付け部：金めっき
TERMINAL : UNDER NICKEL PLATING 1.0micro-meter MIN. CONTACT ：
GOLD PLATING0.1micro-meter MIN.　TAIL：GOLD PLATING
ネール：ニッケル下地めっき 1.0micro-meter MIN. 錫めっき 1.0micro-meter MIN.
NAIL:UNDER NICKEL PLATING 1.0micro-meter MIN.
TIN PLATING 1.0micro-meter MIN.

5．ソルダーテイルとネイルの平坦度：0.08mm MAX.
SOLDER TAIL AND FITTING NAIL COPLANARITY：0.08mm MAX.

6．ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

7．製品仕様及び取扱いについては、製品仕様書PS-504051-001
及びコネクタ取扱説明書AS-504051-001を参照願います。
PLEASE REFER TO PRODUCT SPECIFICATION PS-504051-001
AND APPLICATION SPECIFICATION AS-504051-001.

8．梱包仕様書： SPK-504050-001.
PACKING INFORMATION SPK-504050-001.

16.35	15	20.25	11
13.35	12	17.25	9
4.35	3	8.25	3
2.85	1.5	6.75	2
C	B	A	極数 CIRCUIT SIZE

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2019/01/22
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2019/01/22
APPR: KOMURAKAMI 2019/02/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 504050

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 2,3,9,11

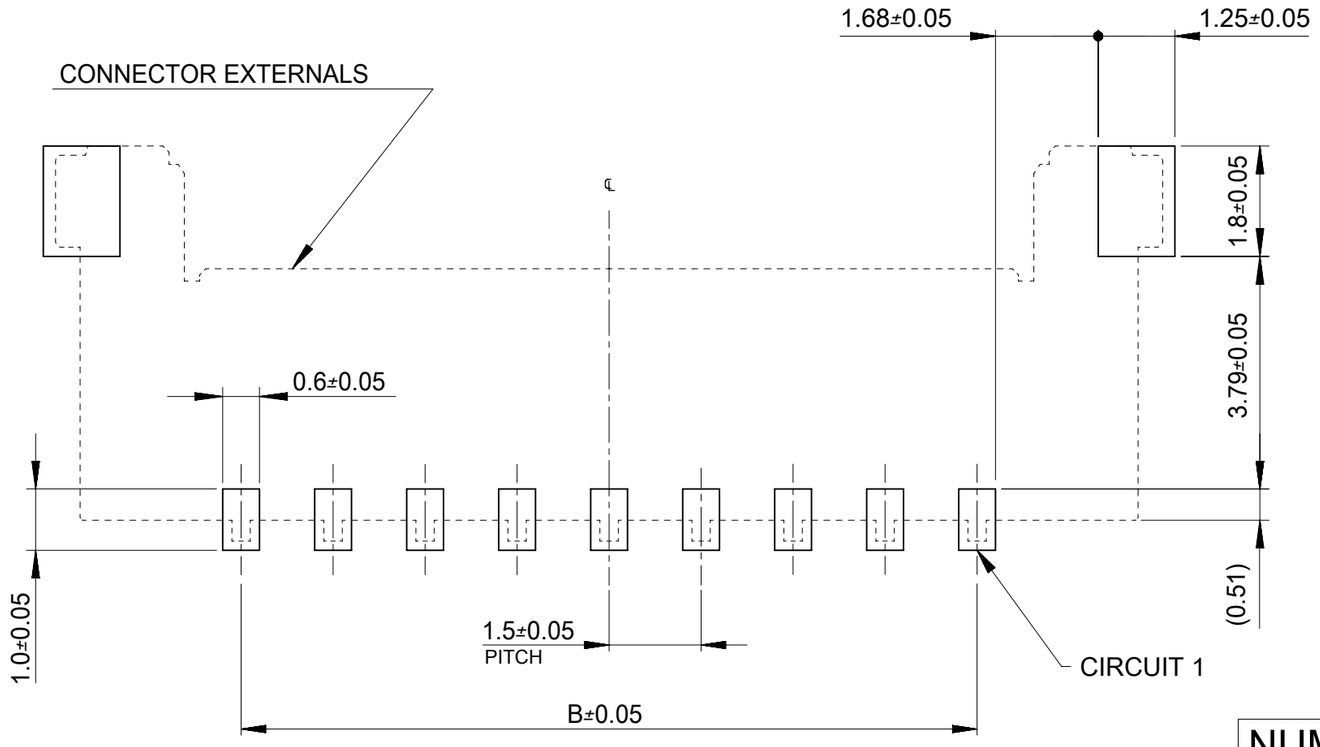
PRODUCT CUSTOMER DRAWING

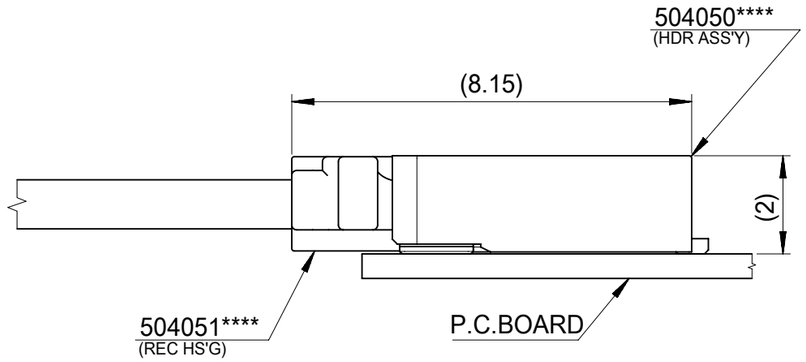
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART OF SHEET 1		1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:45

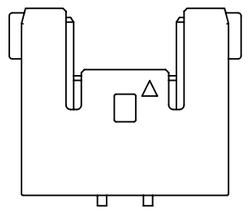
FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18



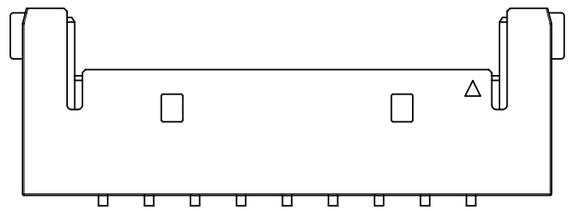


MATED CONNECTORS

NUMBER of LOCK



2,3 CIRCUITS

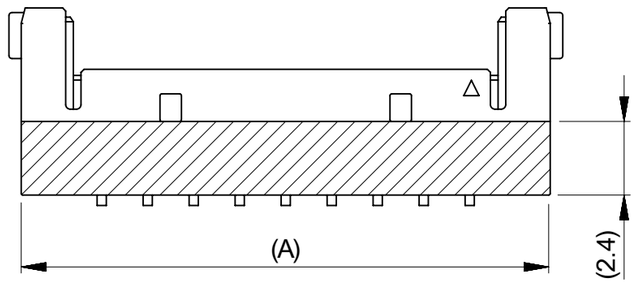


9,11 CIRCUITS

RECOMMENDED PATTERN LAYOUT (REF.)

推奨メタルマスク厚さ:0.1mm、開口率:100%。
RECOMMEND STENCIL MASK THICKNESS: 0.1mm, APERTURE RATIO: 100%.

吸着エリア
PICK-UP AREA



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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2019/01/22
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2019/01/22
APPR: KOMURAKAMI 2019/02/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 504050

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 2,3,9,11

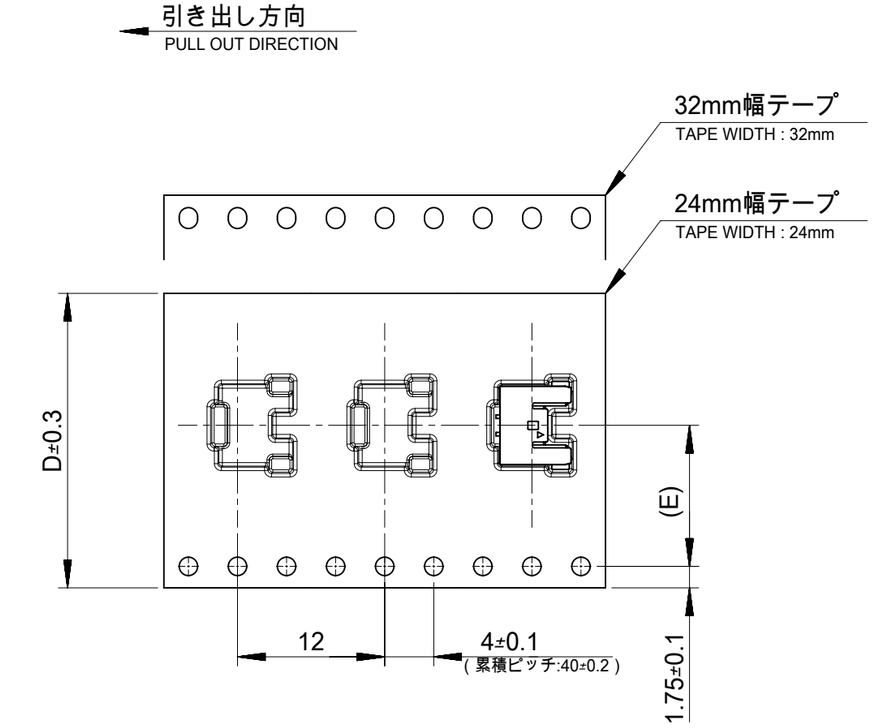
PRODUCT CUSTOMER DRAWING

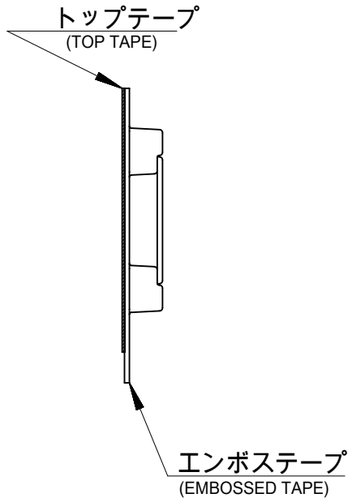
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART OF SHEET 1		2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:45

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18

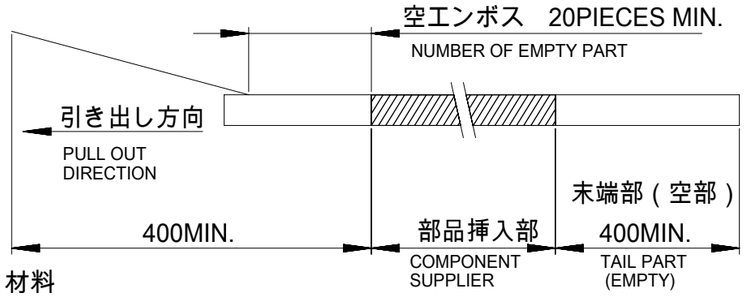




NOTE

1．梱包数量：　２７００個　/ リール
NUMBER OF CONNECTORS : 2700 PIECES/REEL

2．リードテープ長さ
LEAD TAPE LENGTH

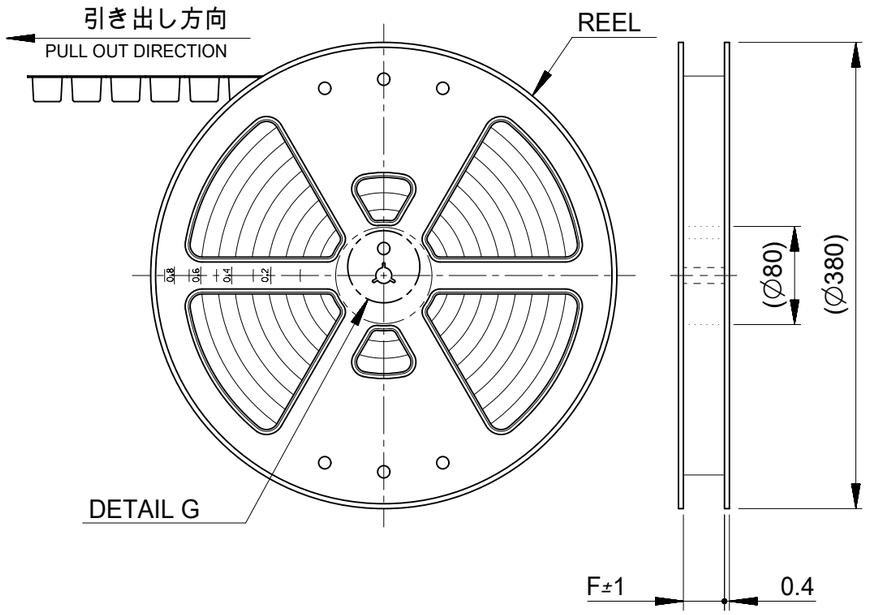


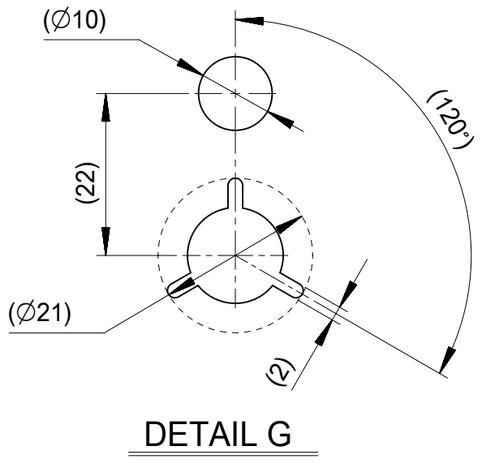
3．材料
MATERIALS
キャリアテープ:ポリスチレン(PS)
CARRIER TAPE : POLYSTYRENE(PS)
トップテープ:ポリエチレン(PE)、ポリエチレンテレフタレート(PET)
TOP TAPE :POLYETHLENE(PE) ,
POLYETHYLENE TEREPHTHALATE(PET)
リール:ポリスチレン(PS) (リサイクル材を含む)
REEL : POLYSTYRENE(PS) (RECYCLE MATERIAL CONTAINED)

4．ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

5．トップテープの剥離強度については、IEC６０２８６－３に準拠。
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

6. 梱包仕様書： SPK-504050-001.
PACKING INFORMATION SPK-504050-001.





D	E	F	発注番号 ORDER NO.	極数 CIRCUIT SIZE
33.5	14.2	32	5040501191	11
33.5	14.2	32	5040500991	9
25.5	11.5	24	5040500391	3
25.5	11.5	24	5040500291	2

梱包状態：エンボス梱包
PACKAGING : EMBOSSED TAPE AND REEL

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 612189
DRWN: QHE31 2019/01/22
CHK'D: SAKIYAMA 2019/02/18
APPR: KOMURAKAMI 2019/02/18

INITIAL REVISION:
DRWN: QHE31 2019/01/22
APPR: KOMURAKAMI 2019/02/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 504050

molex

PICO-LOCK1.5 HDRASSY SGLRW R/A ETP H=2
FOR CIRCUIT SIZE 2,3,9,11

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5040500000-SD	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART OF SHEET 1		3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/18 09:34:45

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18