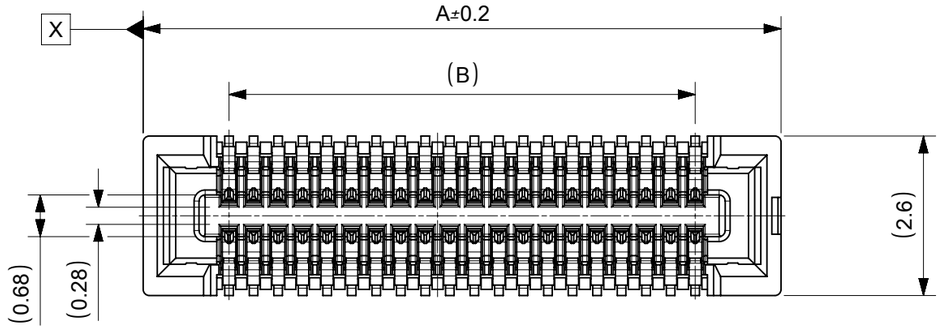
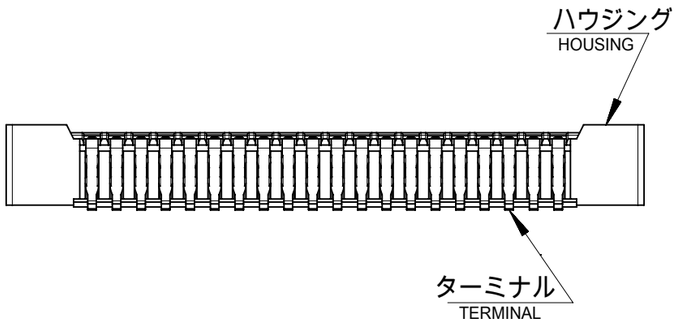
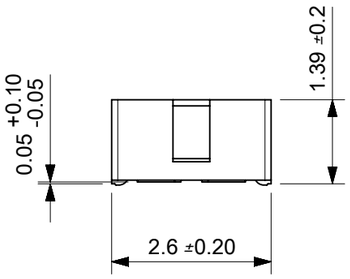
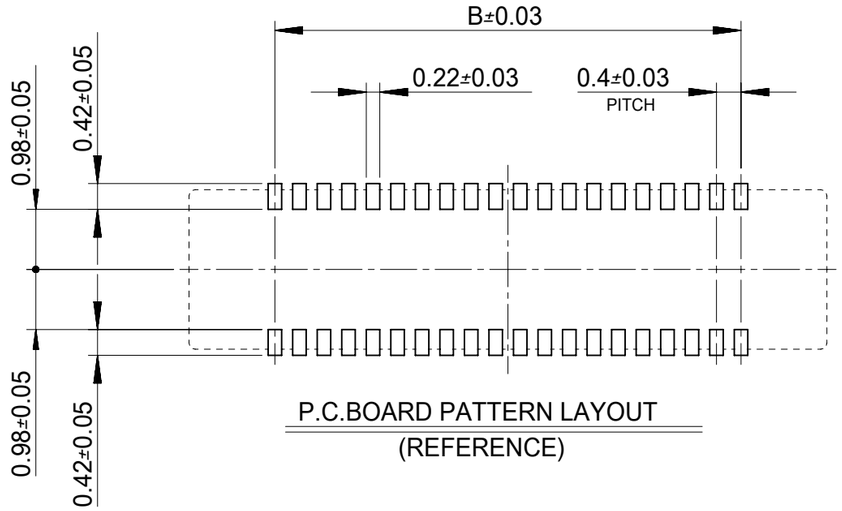
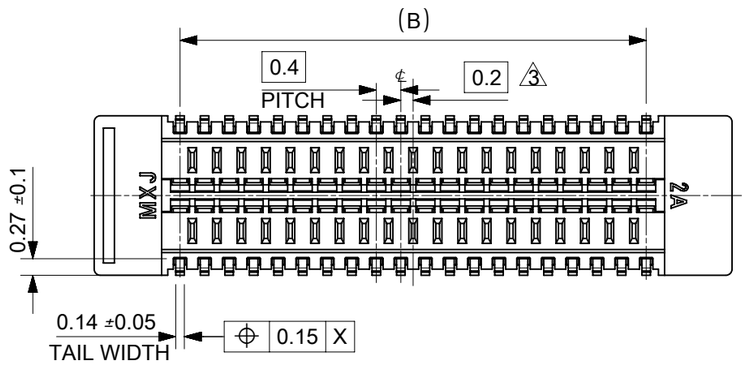








P.C.BOARD PATTERN LAYOUT
(REFERENCE)



注記 NOTES

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマー (LCP) ガラス充填 UL94V-0 (黒)
   HOUSING:LIQUID CRYSTAL POLYMER(GLASS FILLED) UL94V-0 (COLOR:BLACK)
   ターミナル：りん青銅(t=0.1)
   TERMINAL : PHOSPHOR BRONZE (t=0.1)
2. メッキ仕様 PLATING
   ターミナルTERMINAL
   金メッキ 0.1 マイクロメートル以上 (コンタクト部)
   GOLD 0.1MICROMETER MINIMUM (CONTACT AREA)
   金メッキ0.05 マイクロメートル以上 (テール部)
   GOLD 0.05MICROMETER MINIMUM (TAIL AREA)
   下地メッキ：ニッケルメッキ0 マイクロメートル以上
   UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM
   ※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.
   ※封孔処理品
   SEALING TREATMENT

△3 (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手： 503108 シリーズ
   MATE WITH : 503108 SERIES.
5. テール平坦度は、 0.1 以下
   TAIL COPLANARITY TO BE 0.1MAXIMUM.
6. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT.

9.6	12.4	503105-5010	50
5.6	8.4	503105-3010	30
B	A	EMBOSSED TAPE ORDER No.オーダー番号	CKT.
		CONNECTOR SERIES No. : 503105-**19	

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 10:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN #516666

EC NO: 851469
DRWN: PRANAA 2026/03/24
CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26
INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503105

molex

0.4 B-TO-B CONN. HGT=1.5
W=2.6 W/O NAIL REC ASSY

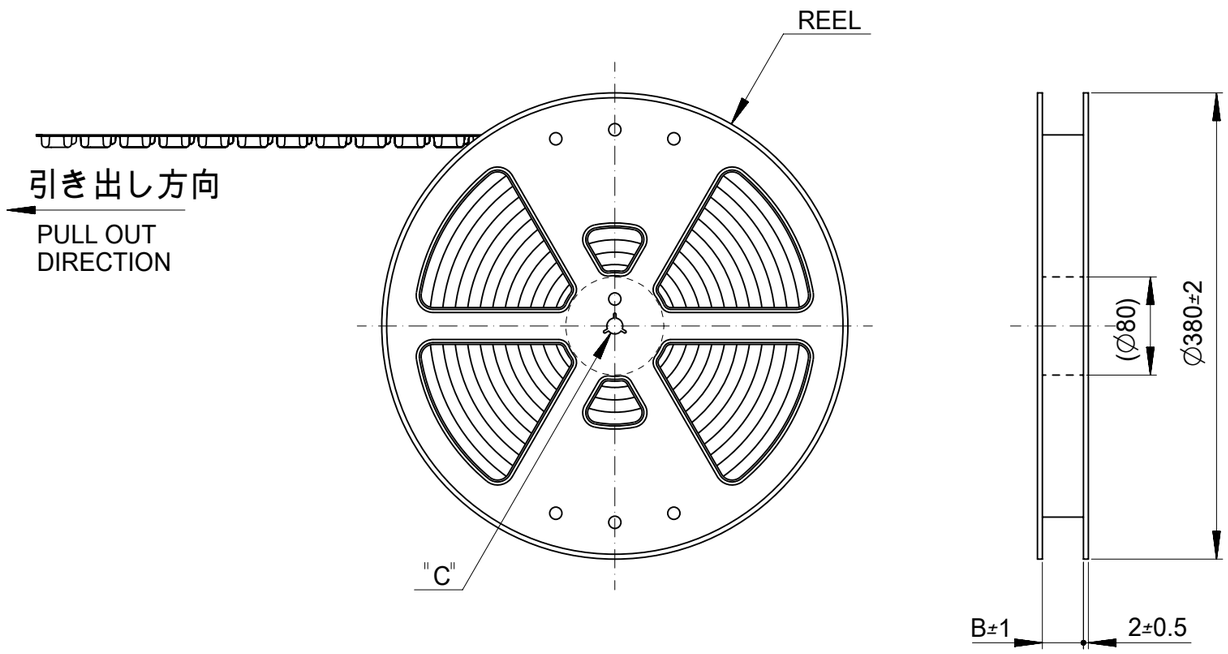
PRODUCT CUSTOMER DRAWING

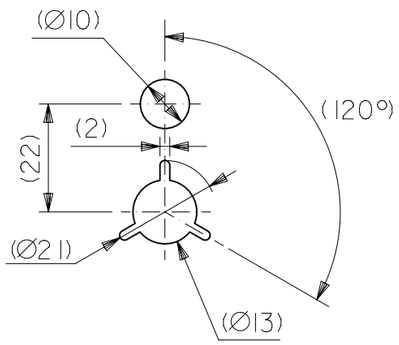
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SD-503105-001	PSD	001	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:16

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

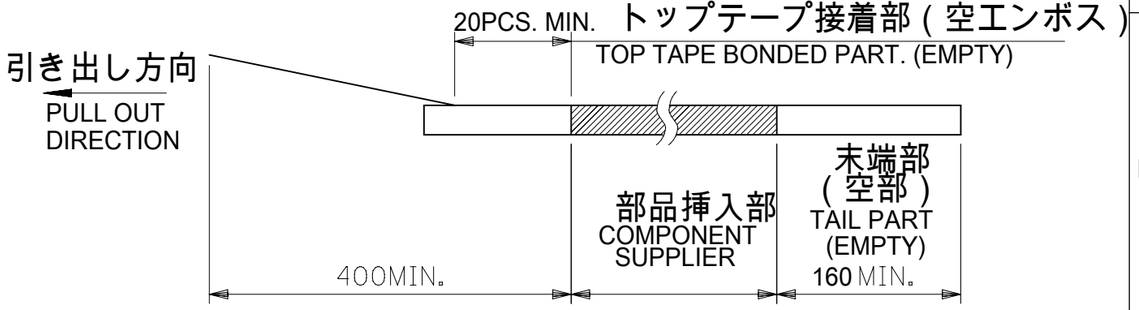




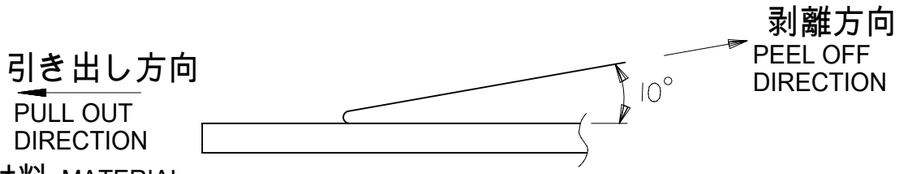
DETAIL "C"

注記 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。
   RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. 梱包数量 : 3000 個 / リール
   NUMBER OF CONNECTORS : 3000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度 0.1N~1.3N(10gf~130gf)
   (剥離方向は下図参照)
   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こと)
   PEELING OFF FORCE OF TOP TAPE : 0.1N~1.3N(10gf~130gf)
   (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
   THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
   PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTION.



5. 材料 MATERIAL
   キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
   トップテープ (TOP TAPE) : PET , PE , PEF
   リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
   POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
6. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT

MODEL NO.	503105-**10

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469

DRWN:	PRANAA	2026/03/09
CHK'D:	GGA	2026/03/26
APPR:	GGA	2026/03/26

INITIAL REVISION:

DRWN:	RTAKEUCHI	2008/10/21
APPR:	MSASAO	2008/10/21

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

PRODUCT CUSTOMER DRAWING

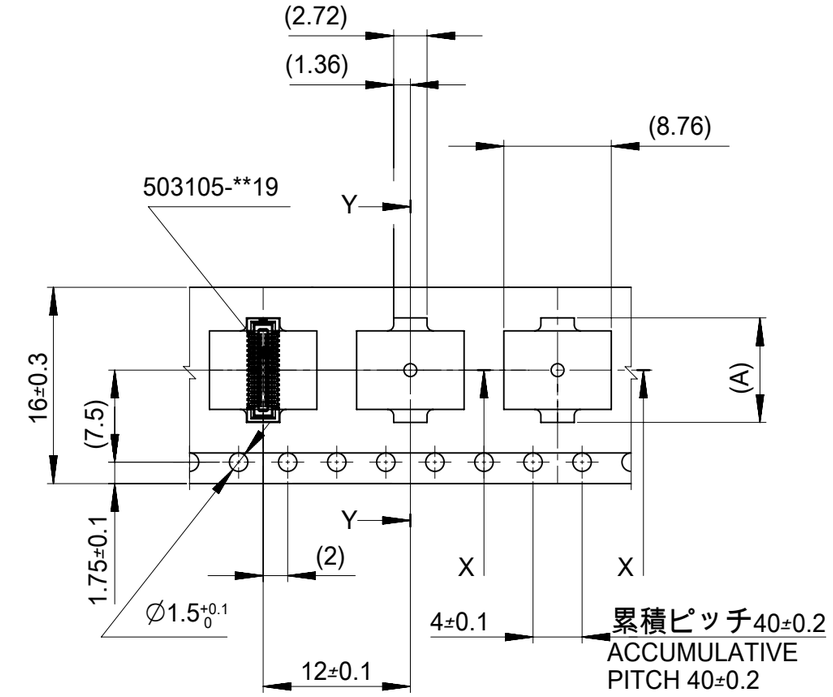
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SD-503105-002	PSD	001	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503105	SEE CHART	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

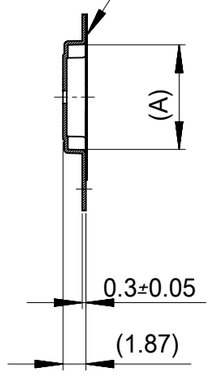
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

引き出し方向
PULL OUT DIRECTION

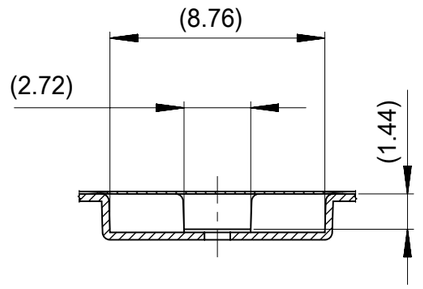


累積ピッチ40±0.2
ACCUMULATIVE
PITCH 40±0.2

トップテープ
TOP TAPE



SECTION Y-Y



SECTION X-X

16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	17.4	8.52	503105-3010	30
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No. 503105-**10	

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 ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469
DRWN: PRANAA 2026/03/09
CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26

INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503105

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

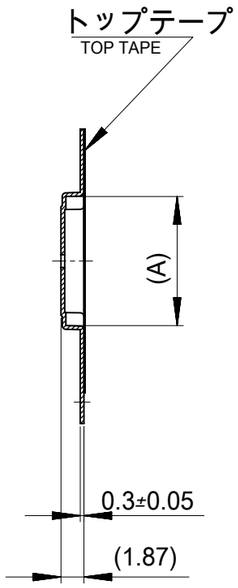
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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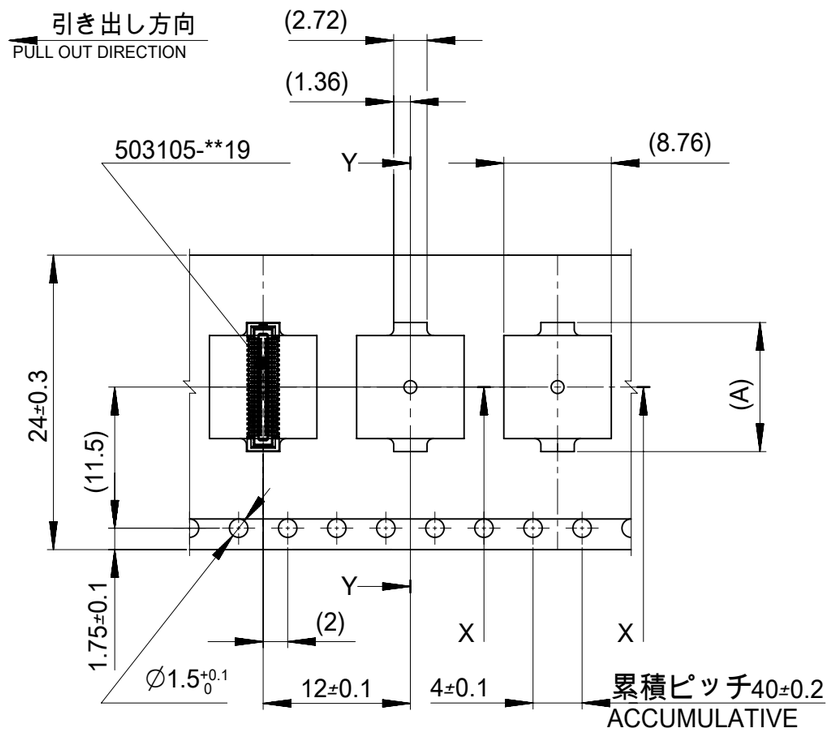
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 3

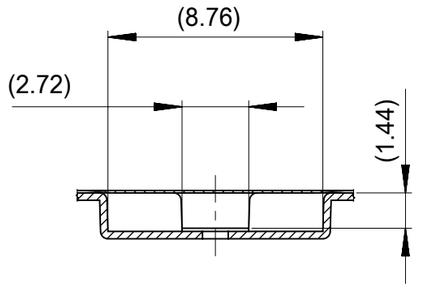
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



SECTION Y-Y





SECTION X-X

24mm 幅キャリアテープ

24mm WIDTH CARRIER TAPE

24	25.5	12.52	503105-5010	50
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No. 503105-**10	

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

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469
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CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26

INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-503105-002	PSD	001	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503105	SEE CHART	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01