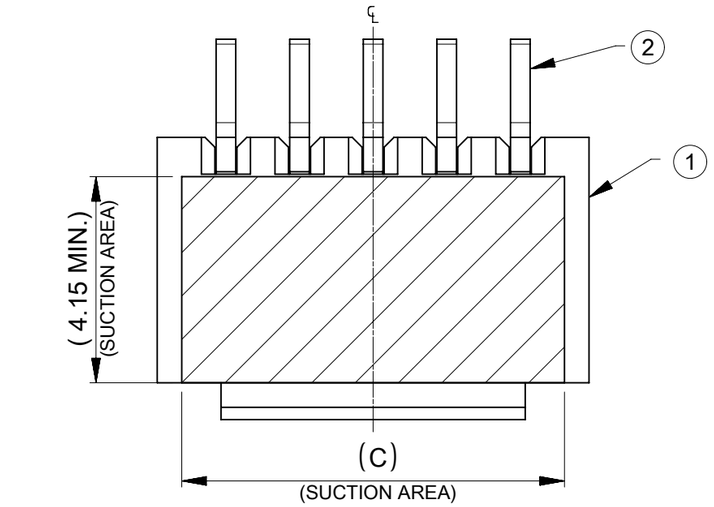
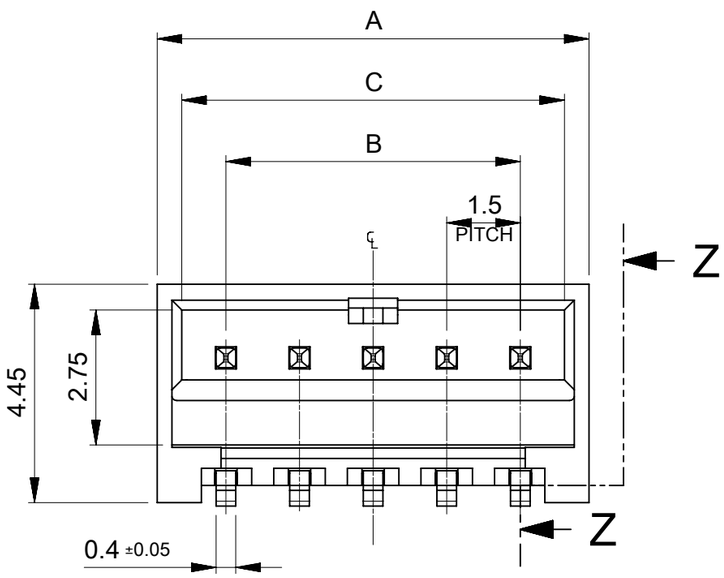
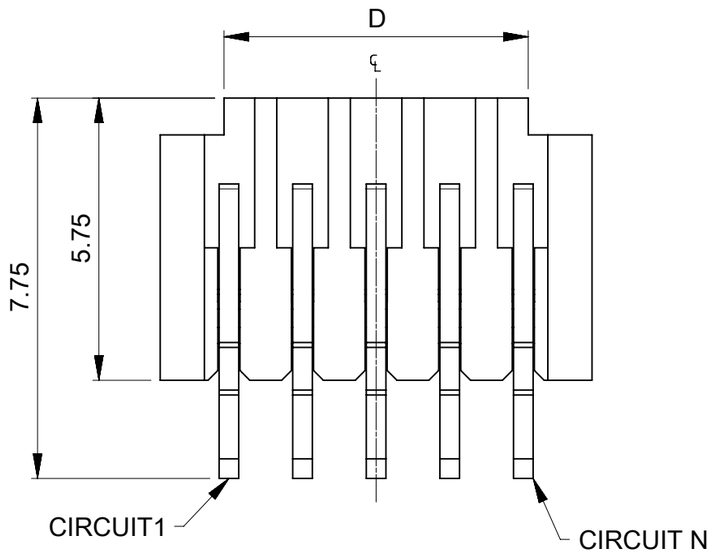
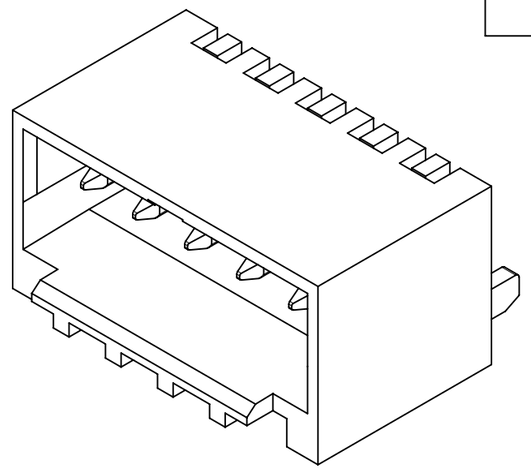








△1 TABLE1

番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色：自然色(ベージュ) /黒 NYLON (PA), UL94-V0, COLOR : NATURAL(BEIGE) /BLACK	
②	ターミナル TERMINAL	材料 MATERIAL	黄銅 BRASS
		下地めっき UNDER PLATING	ニッケルめっき 1.27マイクロメートル以上 NICKEL PLATING 1.27micro-meter MIN
		接点部、テール CONTACT AND TAIL	無光沢錫めっき 2.54マイクロメートル以上 MATTE TIN PLATING 2.54 micro-meter MIN

注記

NOTE

△1. 材質および仕上げ(めっき仕様)：TABLE1 参照
MATERIAL AND FINISH: SEE TABLE 1

2．製品仕様書：PS-87437-001
PRODUCT SPECIFICATION : PS-87437-001

3．製品取扱説明書：874370000-AS
APPLICATION SPECIFICATION : 874370000-AS

4．テール平坦度：0.1以下
TAIL COPLANARITY TO BE 0.1 MAX.

△5. 嵌合相手：87439シリーズ (リセプタクルハウジング), 87421シリーズ (圧着端子)
MATE WITH 87439 SERIES (RECEPTACLE HOUSING)
AND 87421 SERIES (CRIMP TERMINAL).

6．本製品は錫めっき品である。金めっき品は202706シリーズを参照。
THIS PRODUCT IS TIN PLATING.
FOR GOLD PLATING, REFER TO 202706 SERIES.

D	C	B	A	ヘッダー番号 HEADER NO.	極数 CIRCUIT SIZE
21.2	22.8	21.0	23.8	87438-15*1	15
19.7	21.3	19.5	22.3	87438-14*1	14
18.2	19.8	18.0	20.8	87438-13*1	13
16.7	18.3	16.5	19.3	87438-12*1	12
15.2	16.8	15.0	17.8	87438-11*1	11
13.7	15.3	13.5	16.3	87438-10*1	10
12.2	13.8	12.0	14.8	87438-09*1	9
10.7	12.3	10.5	13.3	87438-08*1	8
9.2	10.8	9.0	11.8	87438-07*1	7
7.7	9.3	7.5	10.3	87438-06*1	6
6.2	7.8	6.0	8.8	87438-05*1	5
4.7	6.3	4.5	7.3	87438-04*1	4
3.2	4.8	3.0	5.8	87438-03*1	3
1.7	3.3	1.5	4.3	87438-02*1	2

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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: REVISED

EC NO: 688265
DRWN: RTANAKA02 2021/11/24
CHK'D: SAKIYAMA 2021/12/09
APPR: KOMURAKAMI 2021/12/09

INITIAL REVISION:
DRWN: RTANAKA02 2018/12/06
APPR: SAKIYAMA 2019/04/26

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE
SERIES: 87438

molex

PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)

PRODUCT CUSTOMER DRAWING

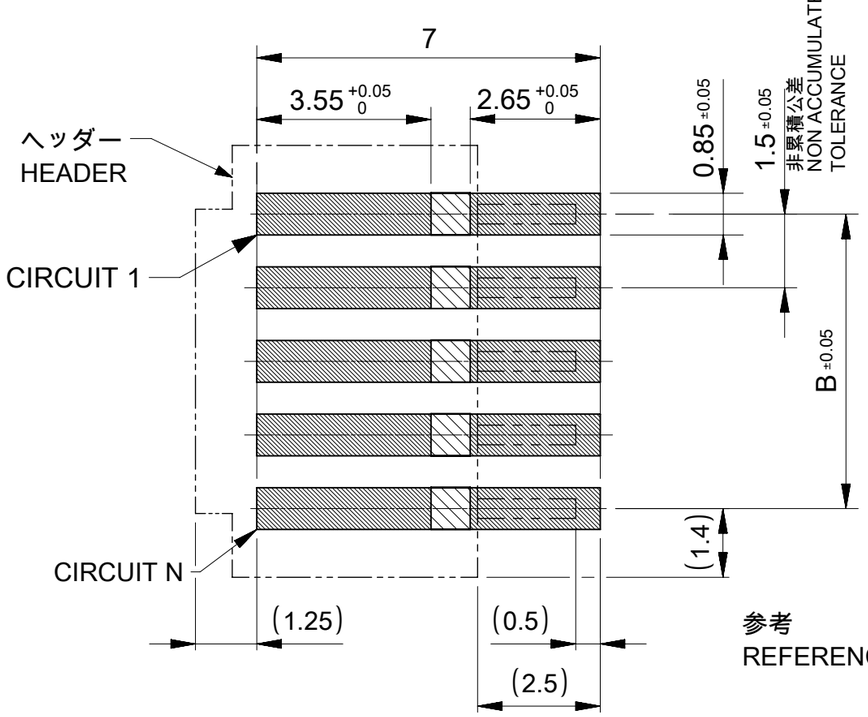
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874380231-SD	PSD	000	B

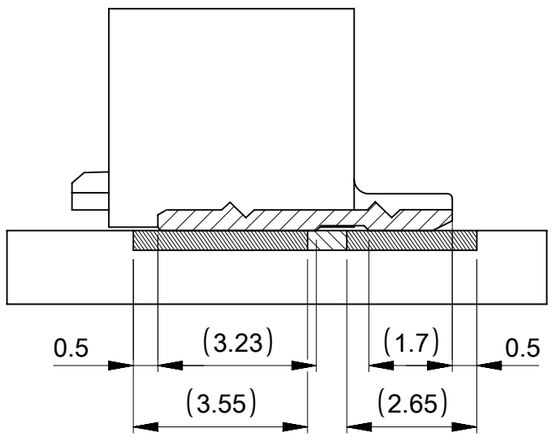
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09 07:34:05

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

推奨基板レイアウト
RECOMMENDED PCB LAYOUT





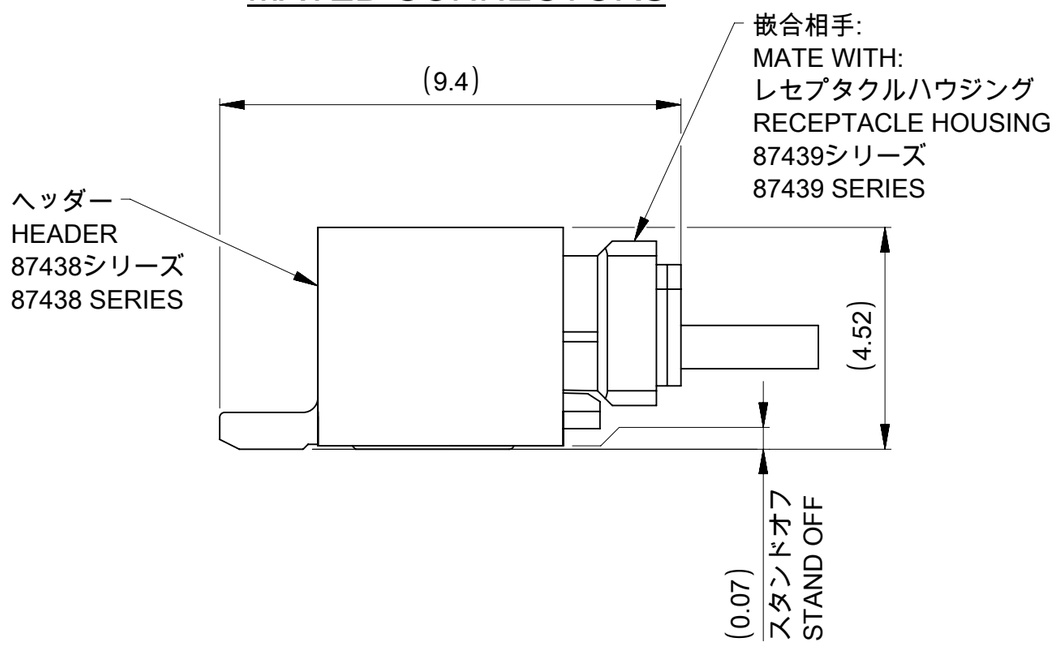
SECTION Z-Z

参考　　：基板厚 1.0mm
REFERENCE : PCB THICKNESS 1.0mm
メタルマスク厚 0.12mm
STENCIL THICKNESS 0.12mm
マスク開口率100%
APERTURE RATIO 100%.

: 半田エリア (パターンエリア)
SOLDER AREA (COPPER ZONE)

: 半田禁止エリア (パターン禁止エリア)
SOLDER KEEP OUT AREA (NO-COPPER ZONE)
半田上がりを防ぐため。
TO PREVENT SOLDER LIFTING.
レジストによって分離する場合は、パターン面よりも盛り上がらないこと。
IF APPLY RESIST IN THIS AREA, LEVEL AS PATTERN AREA FACE.

△5 嵌合図
MATED CONNECTORS



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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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molex

PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)

PRODUCT CUSTOMER DRAWING

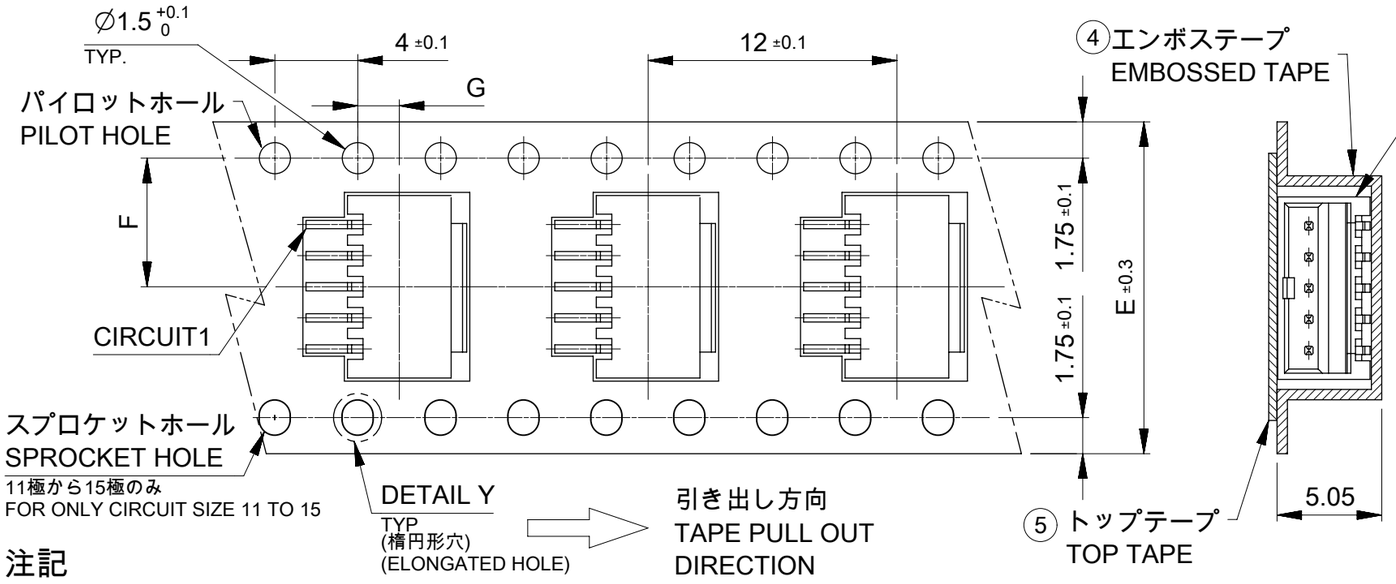
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
874380231-SD	PSD	000	B

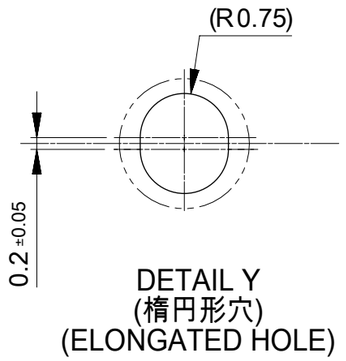
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87438	SEE SHEET 3	GENERAL	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09 07:34:05

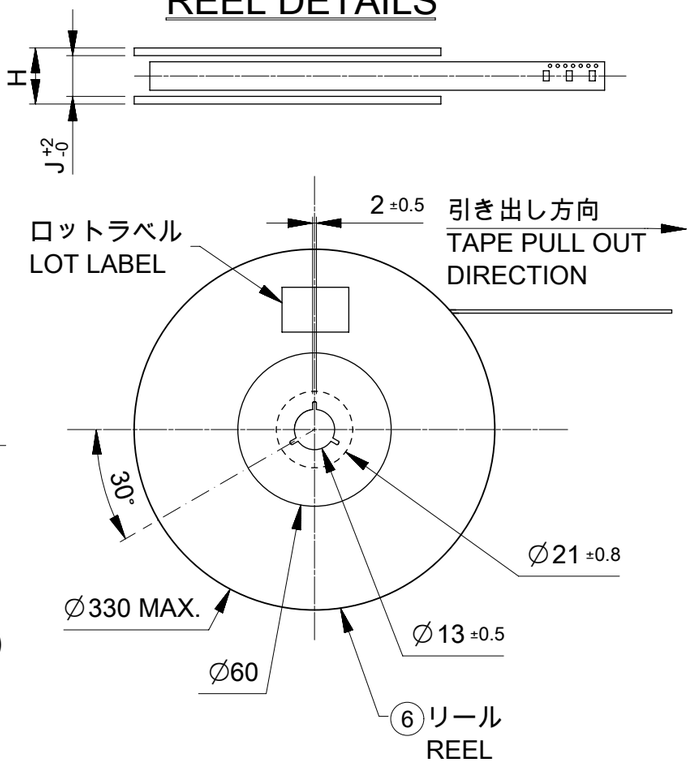
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

エンボス梱包 詳細
EMBOSSED CARRIER TAPE PACKING DETAILS



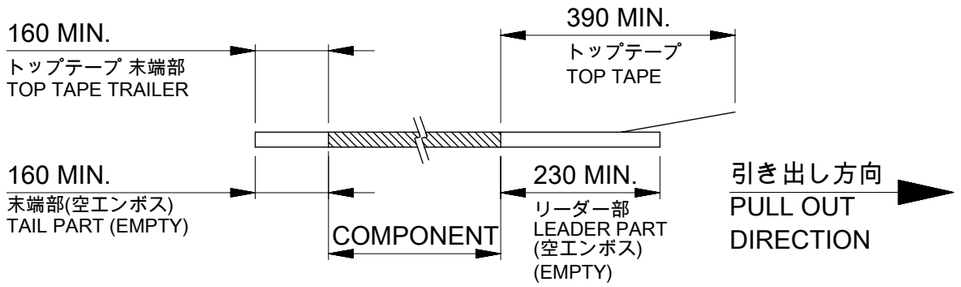


リール　詳細
REEL DETAILS

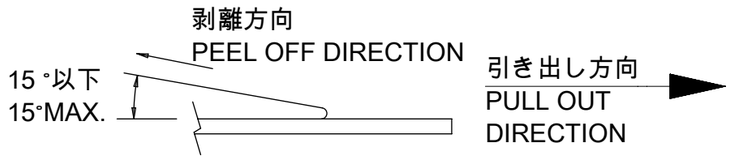


注記
NOTE

7．リーダー部および末端部テープ長さ
LEADER AND TRAILER TAPE LENGTH



8．トップテープの剥離強度：IEC60286-3に準拠。
PEELING OFF FORCE OF THE TOP TAPE: DEFINED IEC60286-3.
(剥離方向は下図を参照)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



9．EIA-481に準拠する。
PACKAGING STANDARD IS AS PER EIA-481.

10．梱包数量=1000個/リール
TAPE & REEL QUANTITY=1000PCS/REEL

11．本製品は乾燥剤入りハイバリア梱包での納品となる。
THIS PRODUCT IS DELIVERED IN A HIGH BARRIER PACKAGE WITH DESICCANT.

12．梱包仕様書：SPK-87438-001
PACKING INFORMATION : SPK-87438-001

発注番号
ORDER NUMBER

87438-＊＊ ＊ 3

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR
02 から 15 02 TO 15	4: ベージュ BEIGE 6: 黒 BLACK

J	H MAX	G	F	E	極数 CIRCUIT SIZE
44.4	50.4	2±0.15	20.2±0.15	44	15
32.4	38.4	2±0.1	14.2±0.1	32	14
					13
					12
					11
24.4	30.4		11.5±0.1	24	10
					9
					8
					7
16.4	22.4		7.5±0.1	16	6
					5
					4
					3
					2

番号 NO.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSED TAPE	ポリスチレン POLYSTYRENE (PS)
⑤	トップテープ TOP TAPE	ポリエチレン POLYETHYLENE (PE)
⑥	リール REEL	ポリスチレン POLYSTYRENE (PS)

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DIMENSION UNITS: mm　SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	± 0.2

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INITIAL REVISION:
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molex

PICO-SPOX 1.5 W/B CONN R/A HEADER ASSY (SMT TIN PLATING VERSION)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
874380231-SD	PSD	000	B

THIRD ANGLE PROJECTION　DRAWING: A3-SIZE　SERIES: 87438

MATERIAL NUMBER: SEE SHEET 3　CUSTOMER: GENERAL　SHEET NUMBER: 3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/09 07:34:05

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REVISION: J1
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