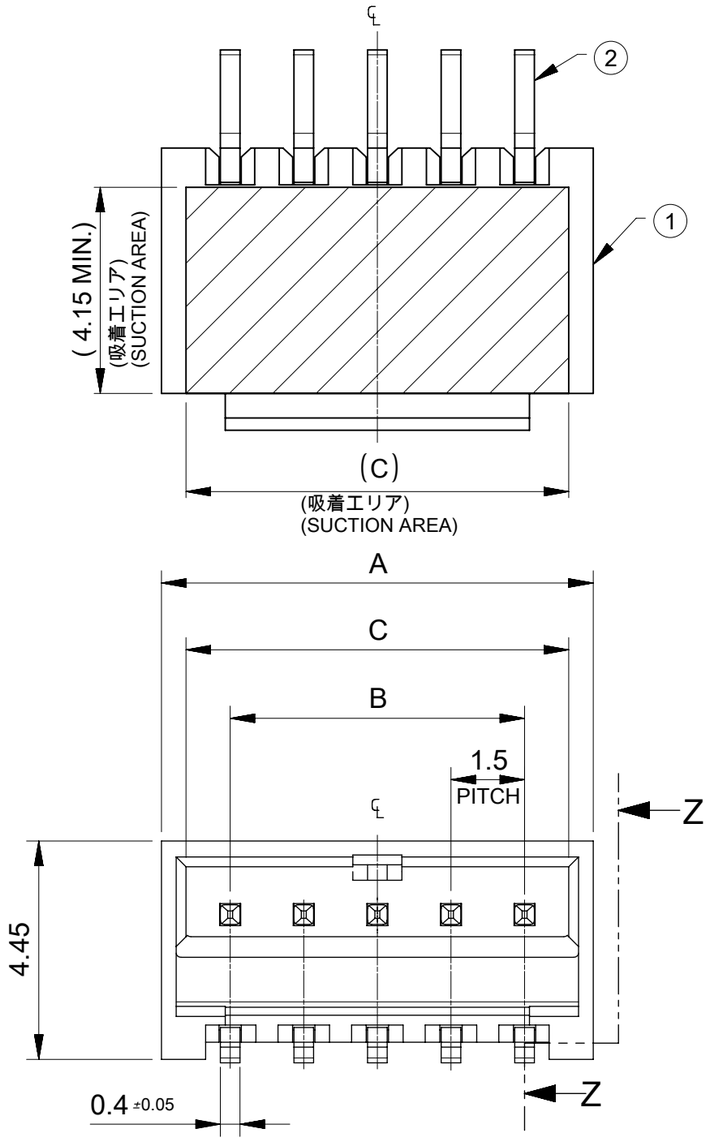

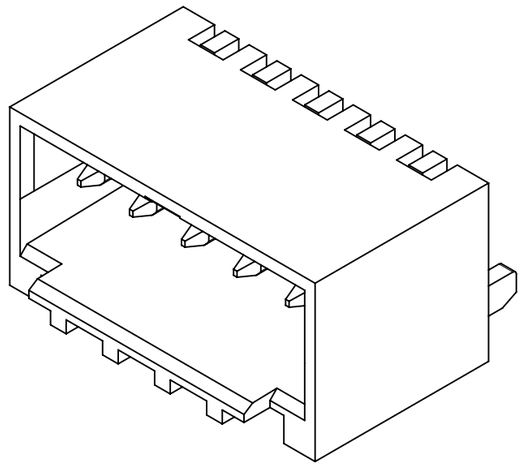

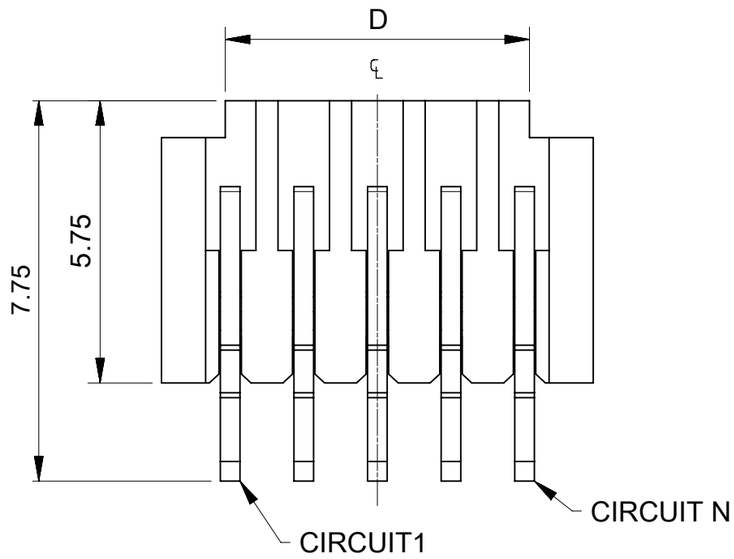

△1 TABLE1

番号 No.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ナイロン, UL94-V0, 色：ベージュ NYLON (PA), UL94-V0, COLOR : BEIGE	
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	金めっき 0.1マイクロメートル以上 GOLD PLATING 0.1 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：2027050000 PS 000
PRODUCT SPECIFICATION : 2027050000 PS 000

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 . 本製品は金めっき品である。錫めっき品は87438シリーズを参照。
THIS PRODUCT IS GOLD PLATING.
FOR TIN PLATING, REFER TO 87438 SERIES.

D	C	B	A	極数 CIRCUIT SIZE
21.2	22.8	21.0	23.8	15
19.7	21.3	19.5	22.3	14
18.2	19.8	18.0	20.8	13
16.7	18.3	16.5	19.3	12
15.2	16.8	15.0	17.8	11
13.7	15.3	13.5	16.3	10
12.2	13.8	12.0	14.8	9
10.7	12.3	10.5	13.3	8
9.2	10.8	9.0	11.8	7
7.7	9.3	7.5	10.3	6
6.2	7.8	6.0	8.8	5
4.7	6.3	4.5	7.3	4
3.2	4.8	3.0	5.8	3
1.7	3.3	1.5	4.3	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:

EC NO: 830545
DRWN: TENAGASE 2025/08/04
CHK'D: SAKIYAMA 2025/10/28
APPR: AIDA 2025/10/28

INITIAL REVISION:
DRWN: TODA 2016/08/08
APPR: TKANEKO 2017/03/23

molex

PICO-SPOX 1.5 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

PRODUCT CUSTOMER DRAWING

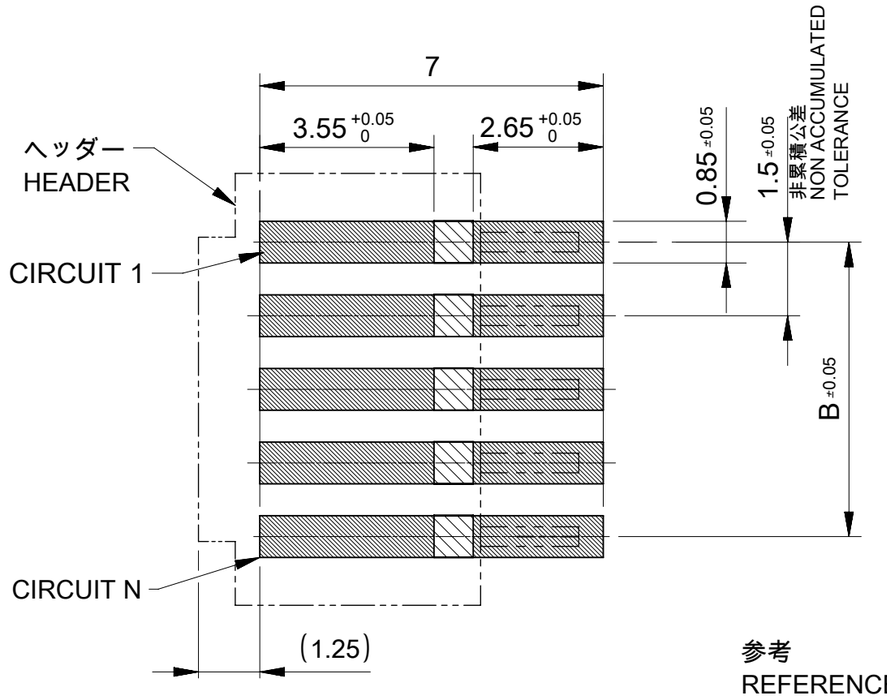
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2027060241	PSD	000	F

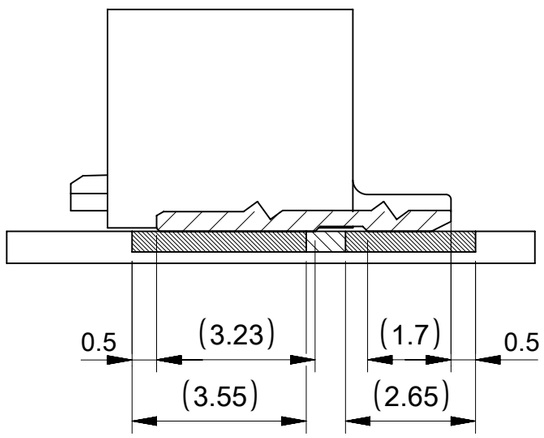
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	202706	SEE SHEET4	GENERAL	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:01

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

推奨基板レイアウト
RECOMMENDED PCB LAYOUT





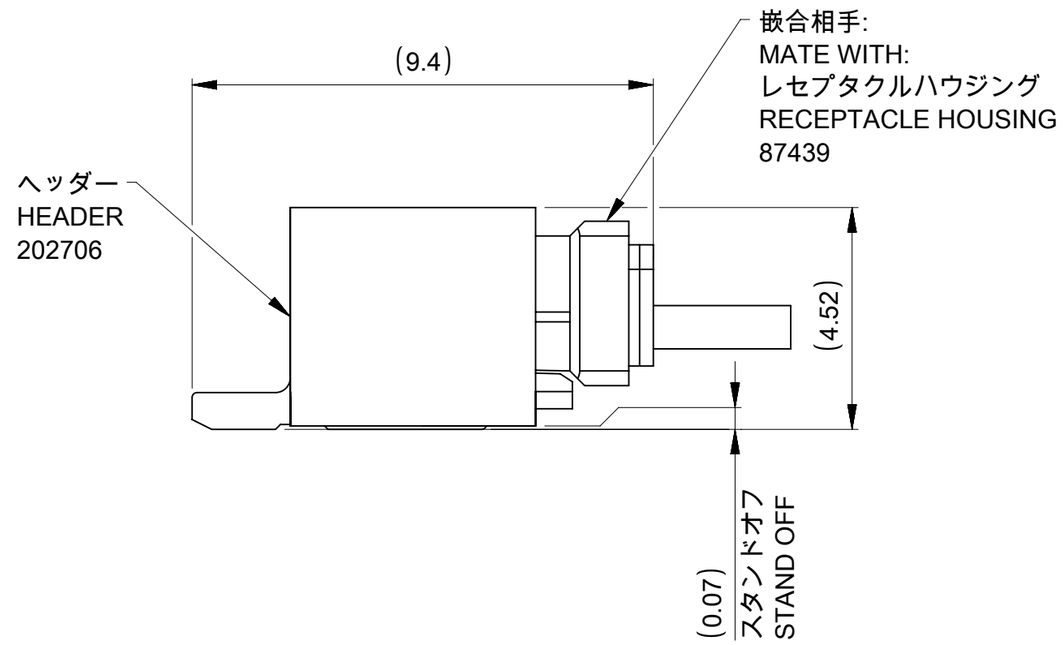
SECTION Z-Z

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 °
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:

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APPR: AIDA 2025/10/28

INITIAL REVISION:
DRWN: TODA 2016/08/08
APPR: TKANEKO 2017/03/23

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 202706

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PICO-SPOX 1.5 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2027060241	PSD	000	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET4	GENERAL	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:01

FORMAT: master-tb-prod-A3
REVISION: J1
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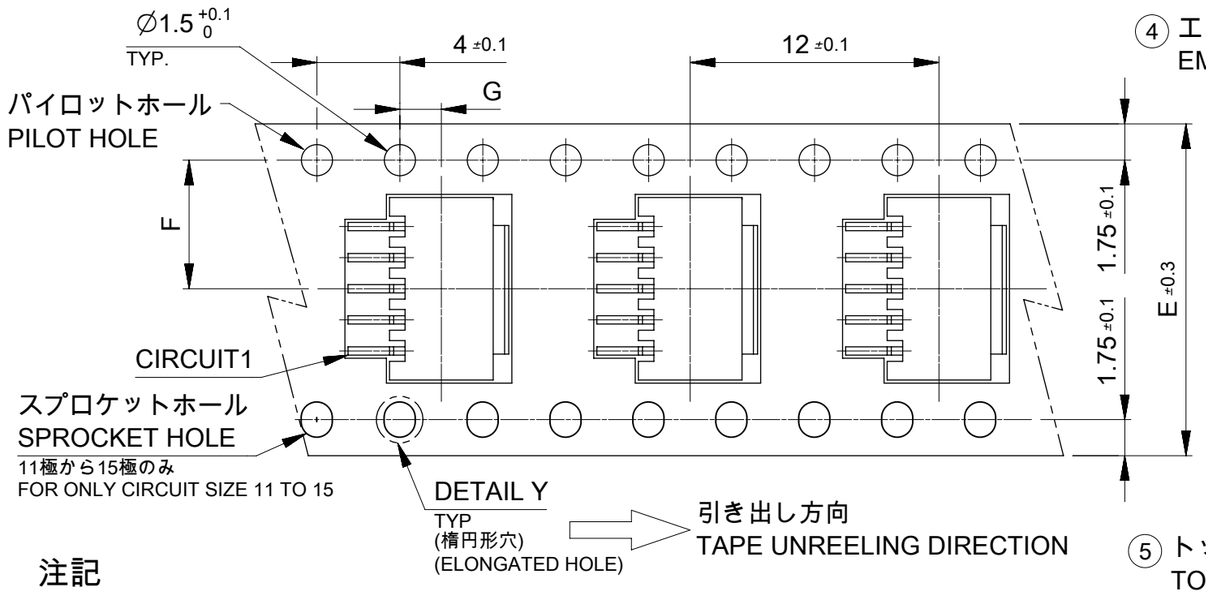
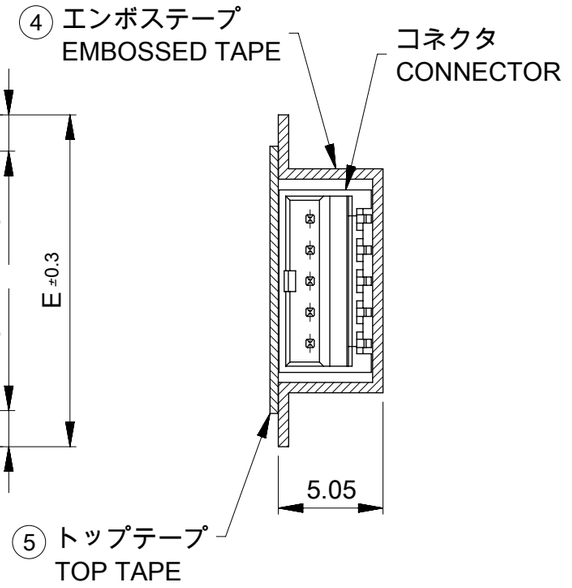
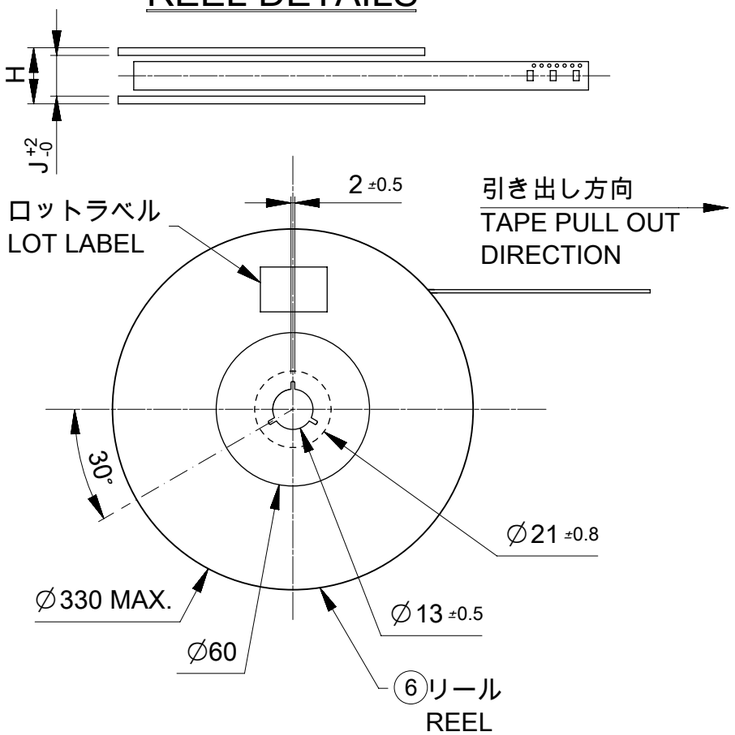
エンボス梱包 詳細
EMBOSSED CARRIER TAPE PACKING DETAILS



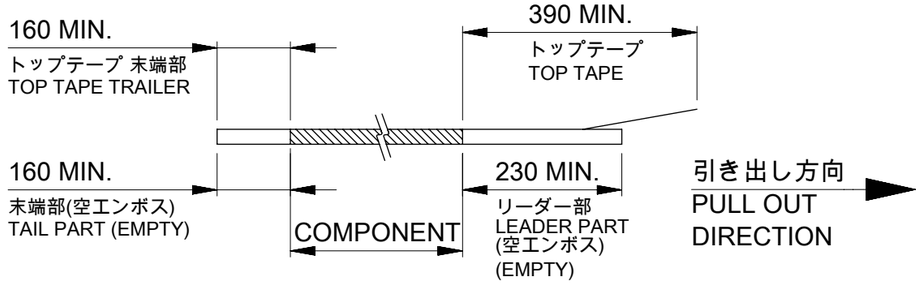


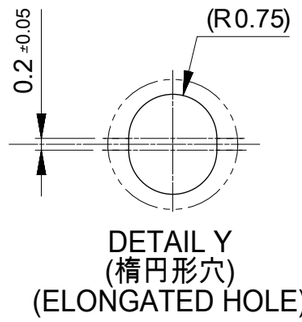
リール　詳細
REEL DETAILS



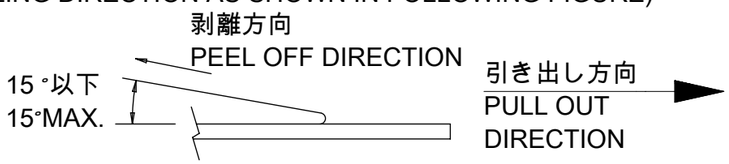
注記
NOTE

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：2027069200 PS 200
PACKING INFORMATION : 2027069200 PS 200

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
J	H MAX	G	F	E	極数 CIRCUIT SIZE

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	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:

EC NO: 830545
DRWN: TENAGASE 2025/08/04
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APPR: AIDA 2025/10/28

INITIAL REVISION:
DRWN: TODA 2016/08/08
APPR: TKANEKO 2017/03/23

molex

PICO-SPOX 1.5 W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY
GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2027060241	PSD	000	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	202706	SEE SHEET4	GENERAL	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:01

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

発注番号
ORDER NUMBER
202706 * * 43

極数 CIRCUIT SIZE
02 から 15 02 TO 15

2027061543	15
2027061443	14
2027061343	13
2027061243	12
2027061143	11
2027061043	10
2027060943	9
2027060843	8
2027060743	7
2027060643	6
2027060543	5
2027060443	4
2027060343	3
2027060243	2
発注番号 ORDER NO.	極数 CIRCUIT SIZE
梱包形態 : エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL	

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1 PLACE	±	0.2
0 PLACES	±	0.2

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THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	202706	SEE CHART	GENERAL	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:01

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