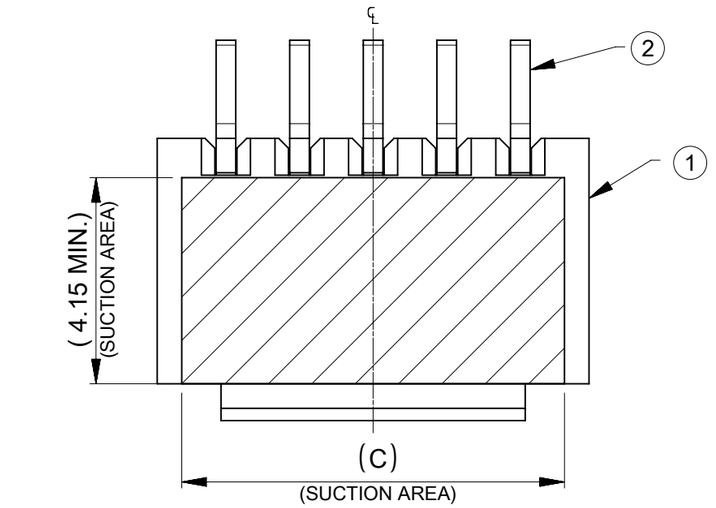
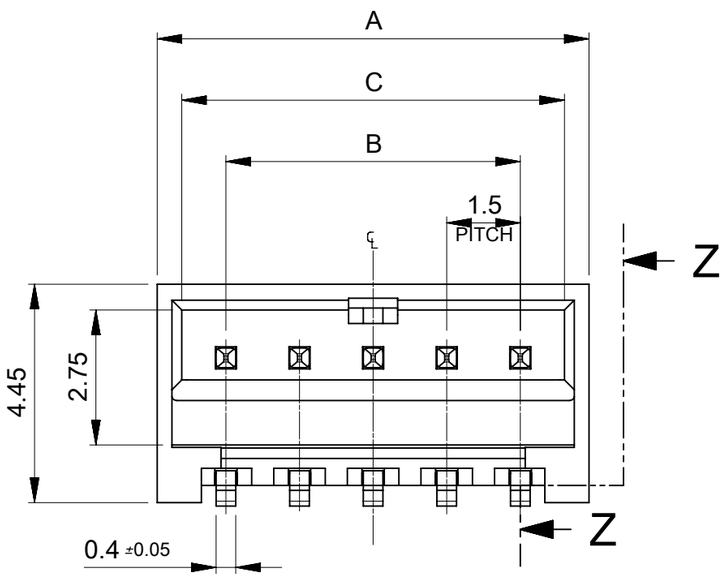
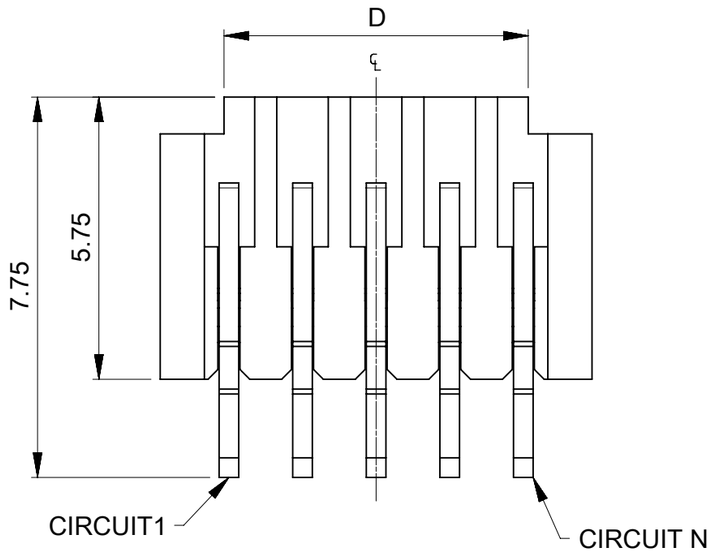
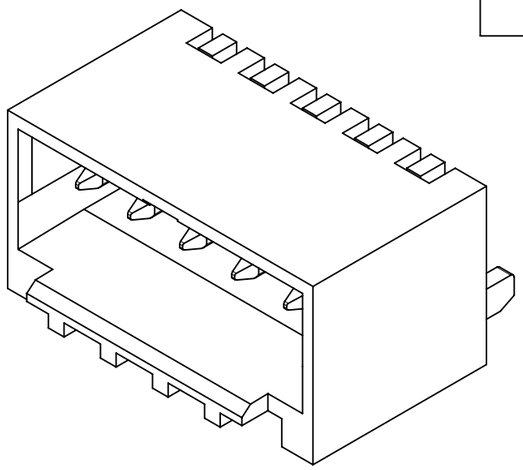








△1 TABLE1

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	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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#517919

EC NO: 849128
DRWN: RAGHAH3 2026/03/02
CHK'D: GGA 2026/03/05
APPR: GGA 2026/03/05

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

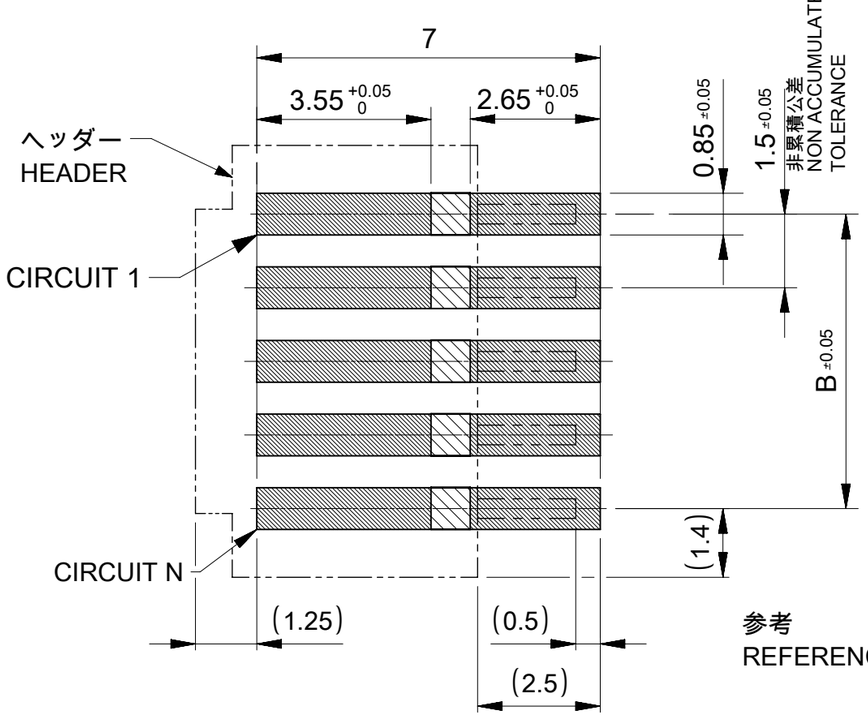
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874380231-SD	PSD	000	D1

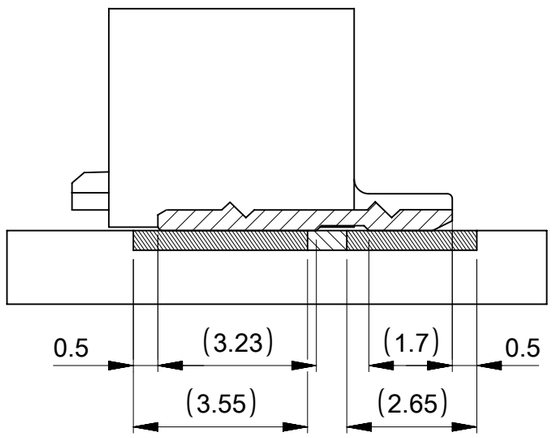
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/05 07:06:57

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

推奨基板レイアウト
RECOMMENDED PCB LAYOUT





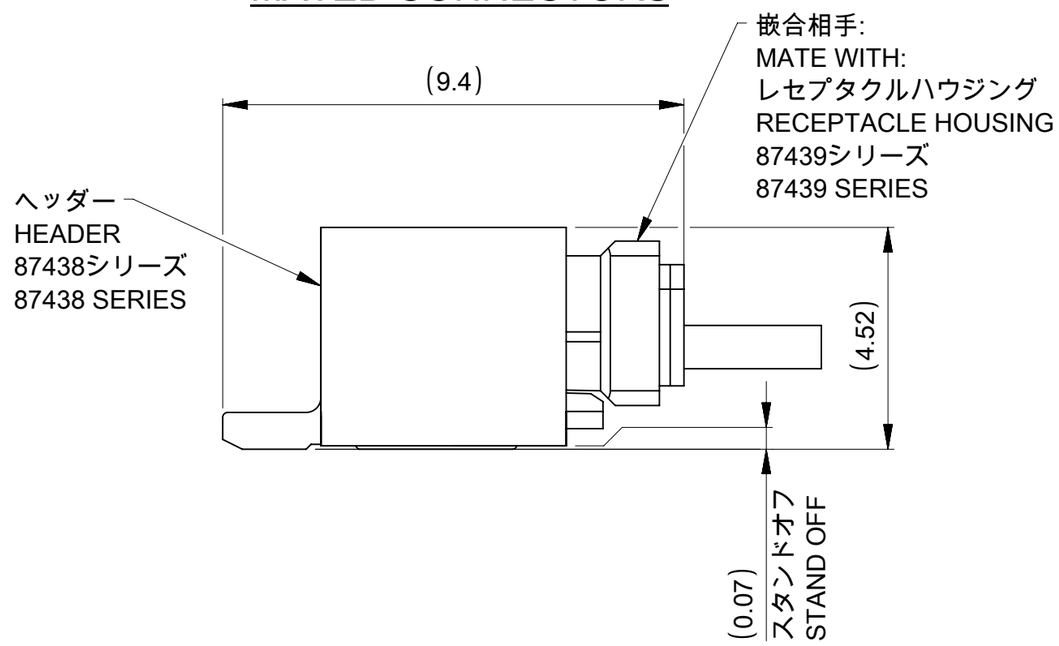
SECTION Z-Z

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 °
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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#517919

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APPR: GGA 2026/03/05

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

molex

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

PRODUCT CUSTOMER DRAWING

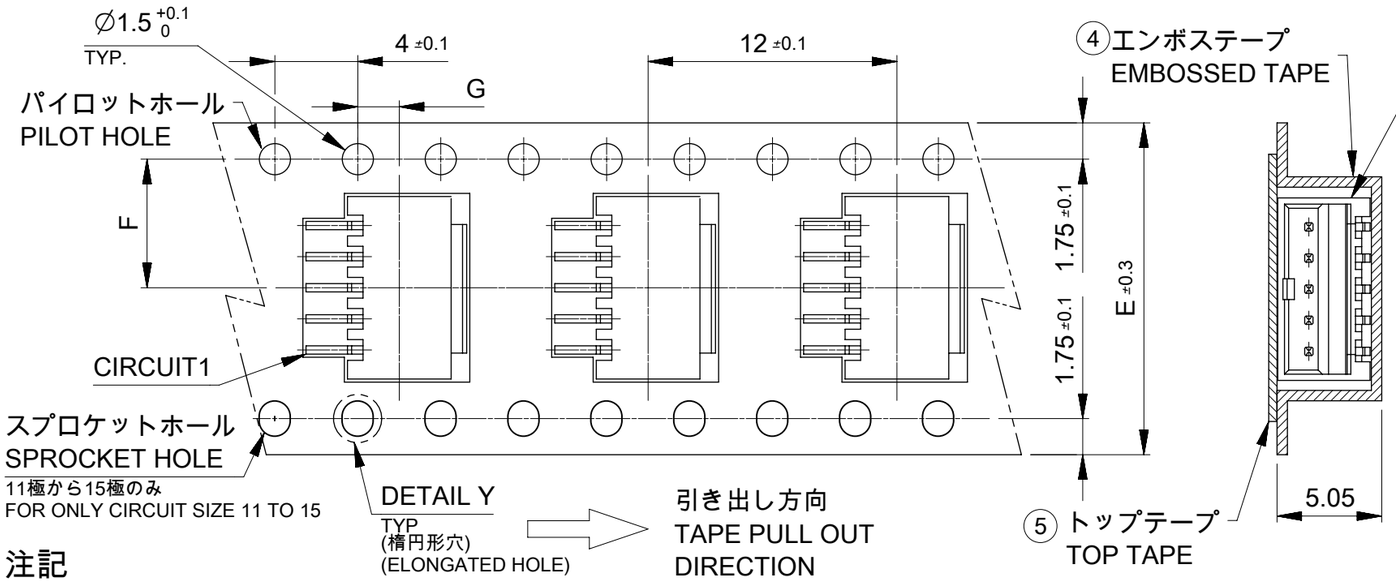
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874380231-SD	PSD	000	D1

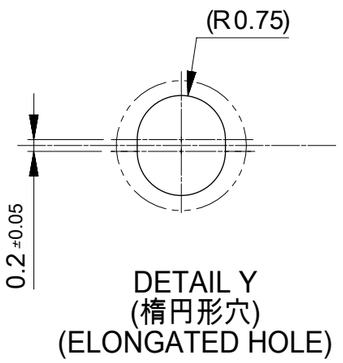
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87438	SEE SHEET 4	GENERAL	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/05 07:06:57

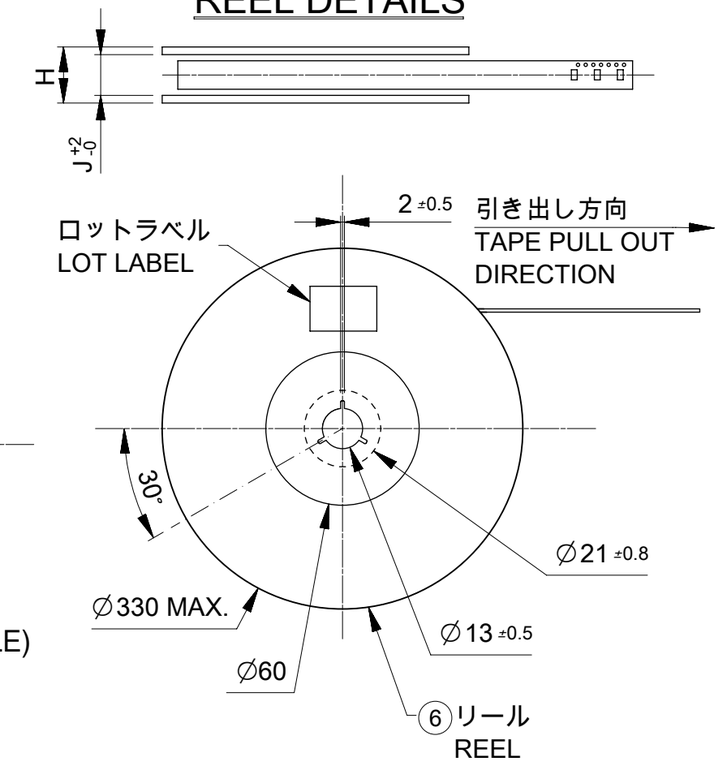
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

エンボス梱包 詳細
EMBOSSED CARRIER TAPE PACKING DETAILS



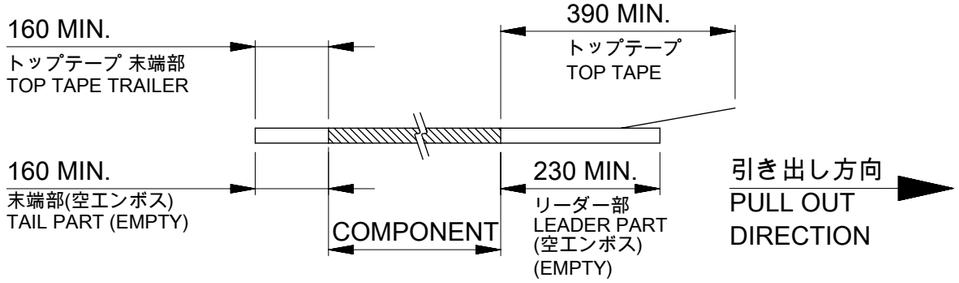


リール　詳細
REEL DETAILS



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

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)

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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#517919

EC NO: 849128
DRWN: RAGHAH3　2026/03/02
CHK'D: GGA　2026/03/05
APPR: GGA　2026/03/05

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

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	D1

THIRD ANGLE PROJECTION　DRAWING: A3-SIZE　SERIES: 87438

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/05　07:06:57

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

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

黒 BLACK	ベージュ BEIGE	ハウジングカラー HOUSING COLOR
---	874381543	15
---	874381443	14
---	874381343	13
---	874381243	12
---	874381143	11
874381063	874381043	10
---	874380943	9
---	874380843	8
---	874380743	7
874380663	874380643	6
874380563	874380543	5
874380463	874380443	4
874380363	874380343	3
874380263	874380243	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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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

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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	D1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87438	SEE CHART	GENERAL	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/05 07:06:57

FORMAT: master-lb-prod-A3
REVISION: J1
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