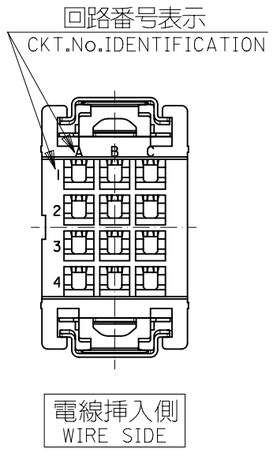
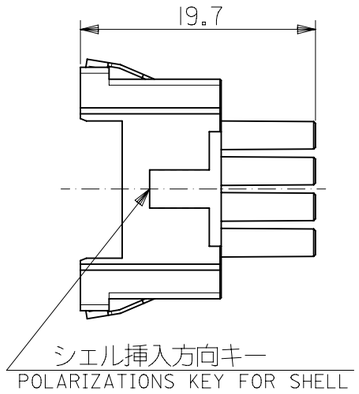
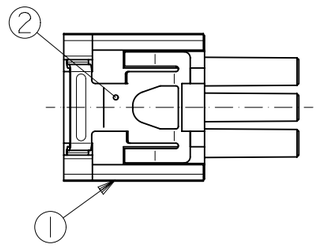
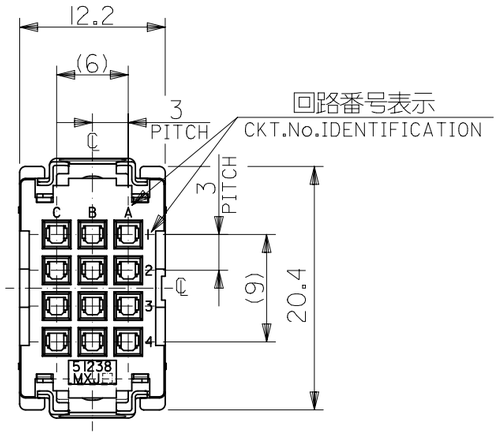


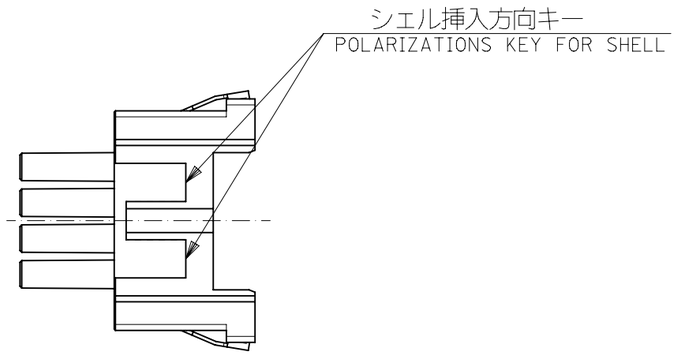
電線挿入側
WIRE SIDE







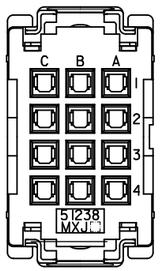
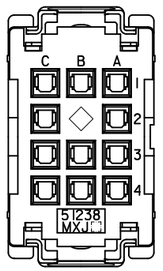
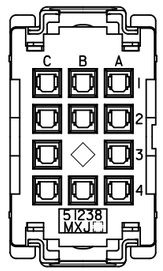
嵌合側
MATING SIDE



注記
NOTES

1. 材　質
   MATERIAL
   ①ハウジング：ガラス入りＰＢＴ樹脂
   HOUSING : PBT G.F.
   ＵＬ９４Ｖ－０　色：黒
   UL94V-0 COLOR : BLACK
   ②スプリング：ステンレス鋼　ｔ０．３
   SPRING : STAINLESS STEEL t0.3
2. 適用端子：56120-8*90 , 56121-8*90
   APPLECABLE CRIMP PIN : 56120-8*90 , 56121-8*90
3. 適用リセプタクル　シェル：56377-12**
   APPLECABLE RECEPTACLE SHELL : 56377-12**
4. 嵌合相手：51234-120*
   MEET WITH : 51234-120*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51238-1211	51238-1212	51238-1213
		
STANDARD TYPE	A TYPE	B TYPE

B-3	B	51238-1213	51238-**1*	12
B-2	A	51238-1212		
— // —	STANDARD	51238-1211		
POLARITY POSITION (CIRCUIT No.)	POLARITY TYPE	MATERIAL No.	MODEL No.	CIRCUIT

MATERIAL 材料	注記参照 SEE NOTES	
FINISH 仕上げ	— // —	
WIRE RANGE 適用電線範囲	— // —	
INS. RANGE 被覆外径	— // —	

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

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

DIMENSION UNITS: mm　SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER.

EC NO: 650269
DRWN: ABHISP1　2020/10/22
CHK'D:
APPR:

INITIAL REVISION:
DRWN: S.AKIYAMA　2001/01/25
APPR: H.IKESUGI

THIRD ANGLE PROJECTION　DRAWING: B-SIZE　SERIES: 51238

molex

COMPACT ROBOT CONN.
(CRC) REC. SOCKET HS'G ASS'Y

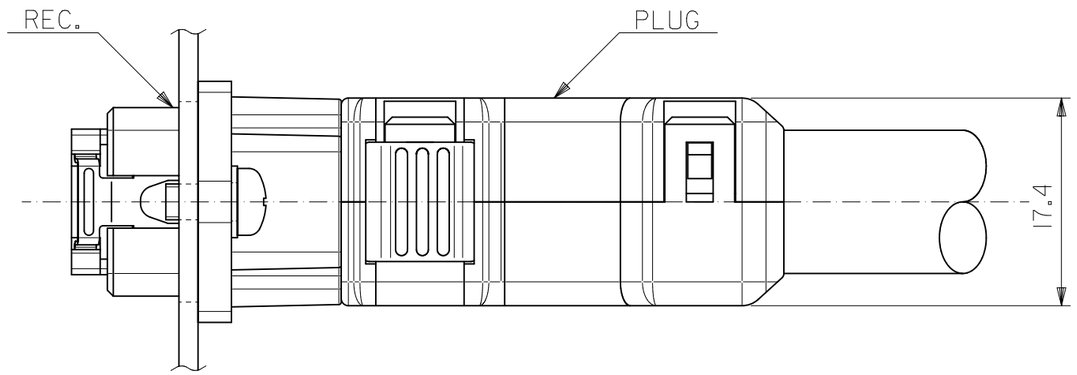
PRODUCT CUSTOMER DRAWING

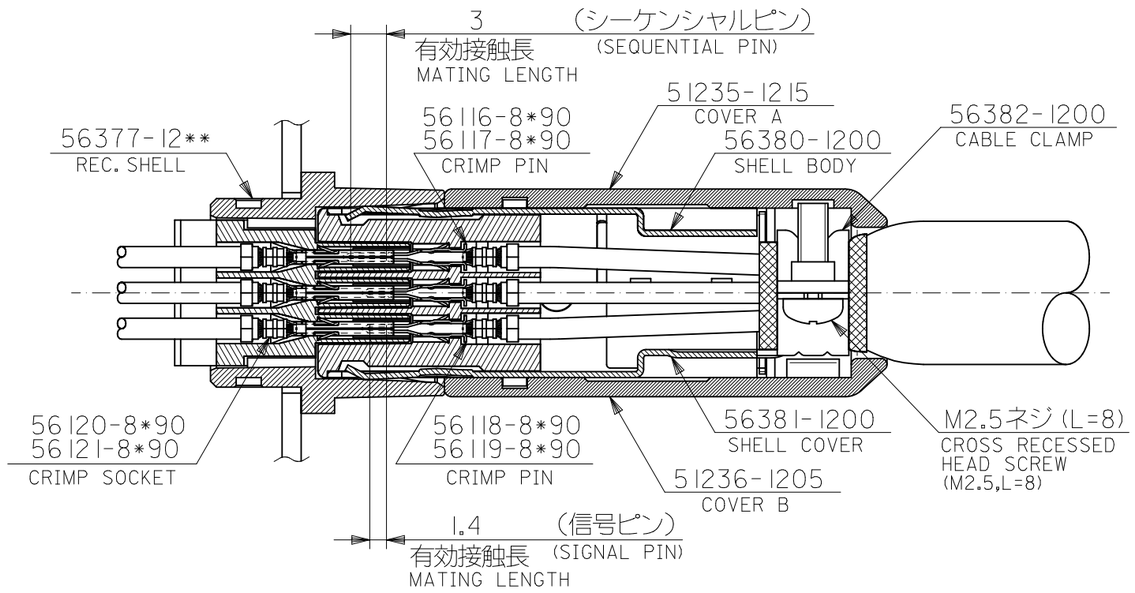
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-51238-007	PSD	001	B

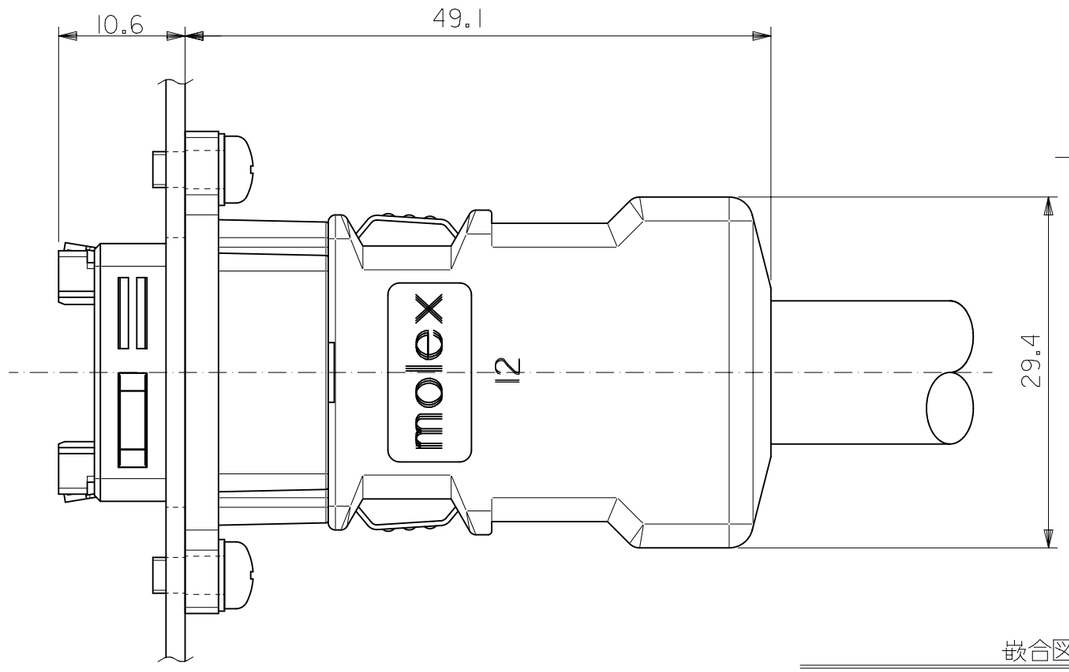
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 4

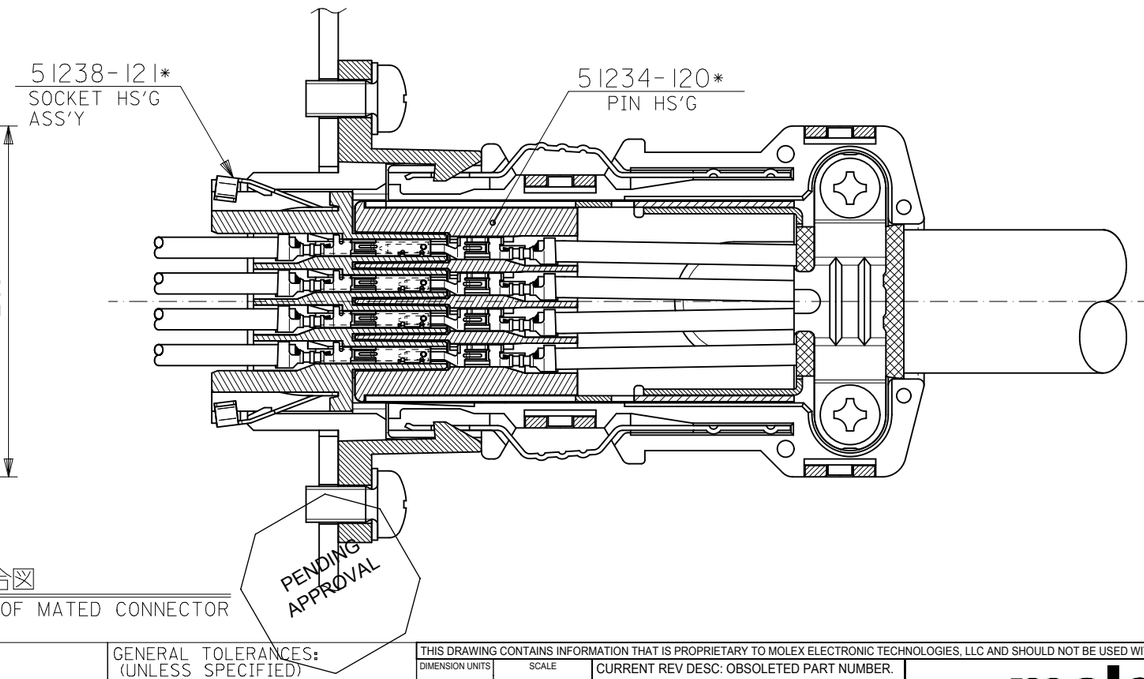
DOCUMENT STATUS	RQ	RELEASE DATE	

FORMAT: Eng-lega-master-IB-prod-B
REVISION: E
DATE: 2020/01/14









嵌合図
CROSS-SECTION VIEW OF MATED CONNECTOR

PENDING APPROVAL

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上げ	—#—
WIRE RANGE 適用電線範囲	—#—
INS. RANGE 被覆外径	—#—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

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DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER.

EC NO: 650269
DRWN: ABHISP1 2020/10/22
CHK'D:
APPR:

INITIAL REVISION:
DRWN: S.AKIYAMA 2001/01/25
APPR: H.IKESUGI

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 51238

molex

COMPACT ROBOT CONN.
(CRC) REC. SOCKET HS'G ASS'Y

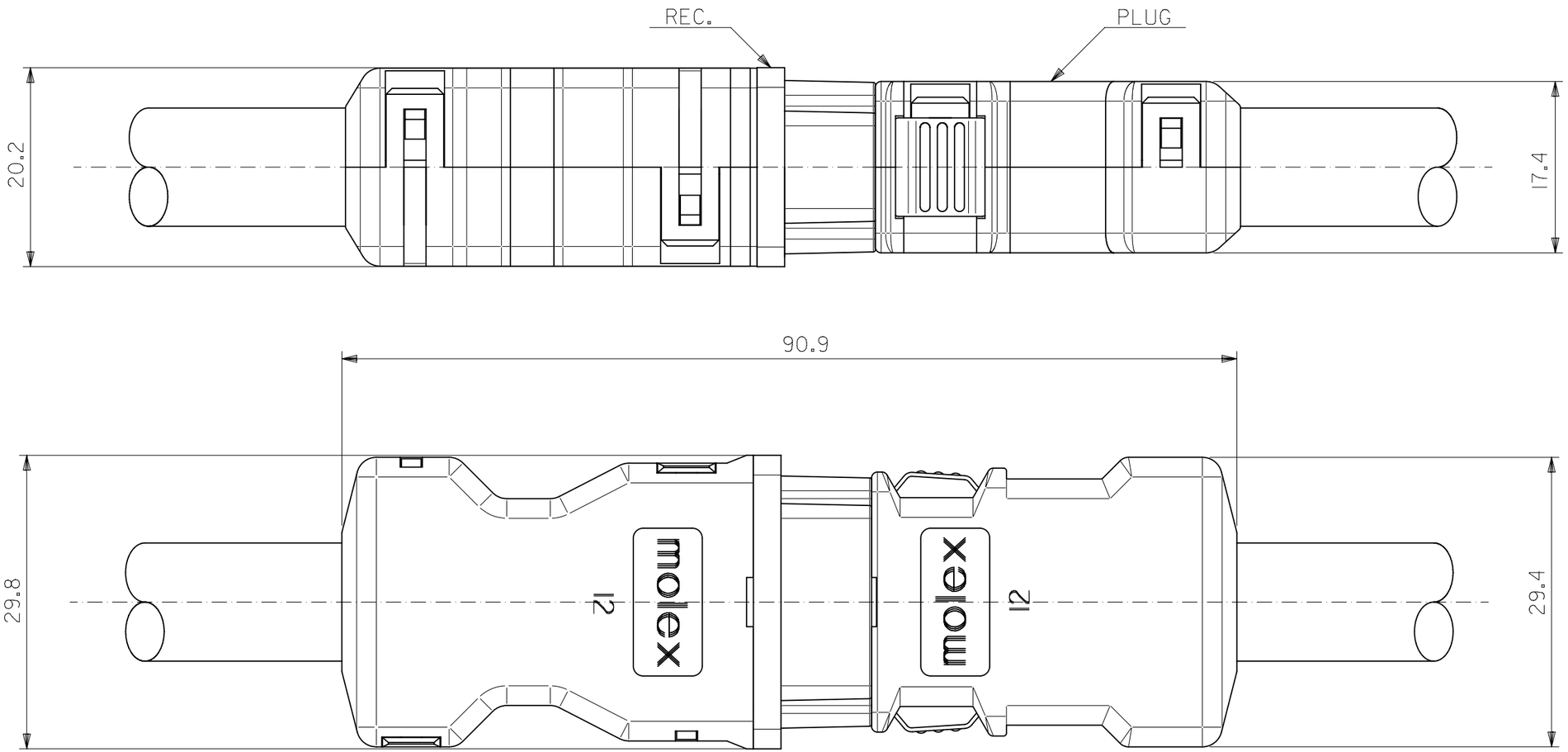
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-51238-007	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	RQ	RELEASE DATE	

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E
DATE: 2020/01/14



嵌合図（中継タイプ）

CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

PENDING APPROVAL

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上げ	
WIRE RANGE 適用電線範囲	
INS. RANGE 被覆外径	

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

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DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER.

EC NO: 650269
DRWN: ABHISP1 2020/10/22
CHK'D:
APPR:

INITIAL REVISION:
DRWN: S.AKIYAMA 2001/01/25
APPR: H.IKESUGI

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 51238

molex

COMPACT ROBOT CONN.
(CRC) REC. SOCKET HS'G ASS'Y

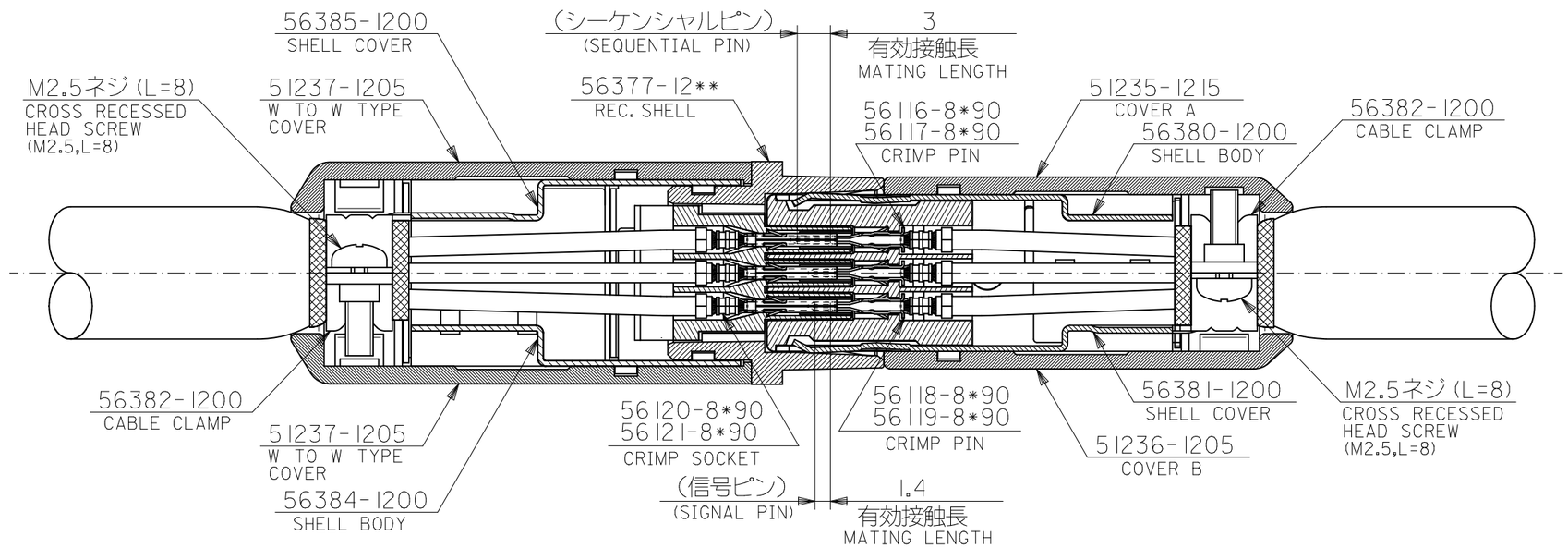
PRODUCT CUSTOMER DRAWING

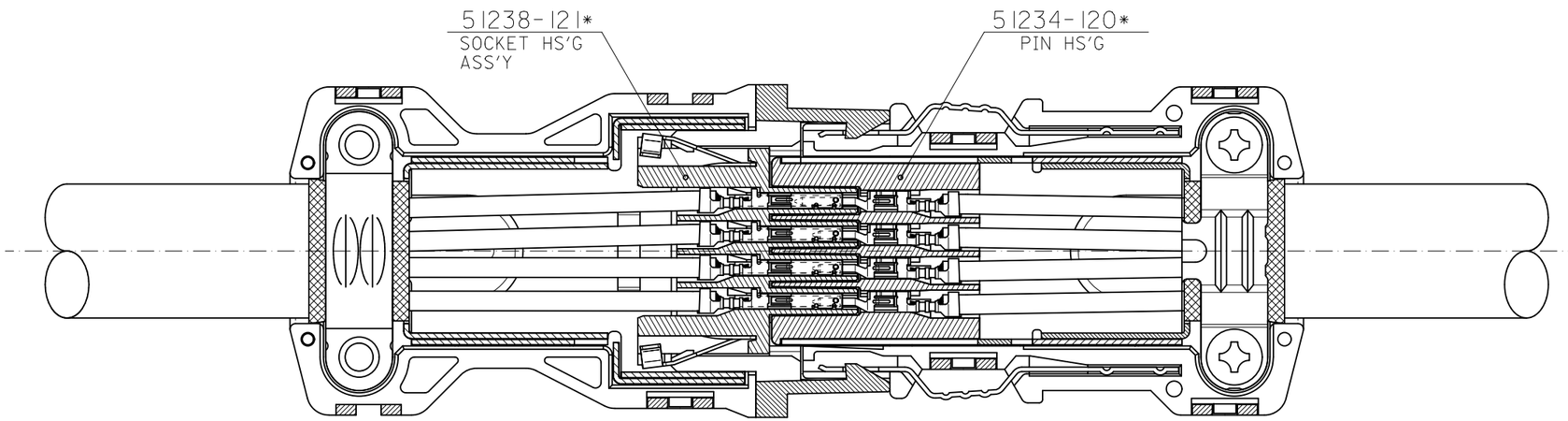
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-51238-007	PSD	001	B

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

DOCUMENT STATUS	RQ	RELEASE DATE	

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E
DATE: 2020/01/14





嵌合図（中継タイプ）

CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

PENDING APPROVAL

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上げ	—#—
WIRE RANGE 適用電線範囲	—#—
INS. RANGE 被覆外径	—#—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

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DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER.

EC NO: 650269
DRWN: ABHISP1 2020/10/22
CHK'D:
APPR:

INITIAL REVISION:
DRWN: S.AKIYAMA 2001/01/25
APPR: H.IKESUGI

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 51238

molex

COMPACT ROBOT CONN.
(CRC) REC. SOCKET HS'G ASS'Y

PRODUCT CUSTOMER DRAWING

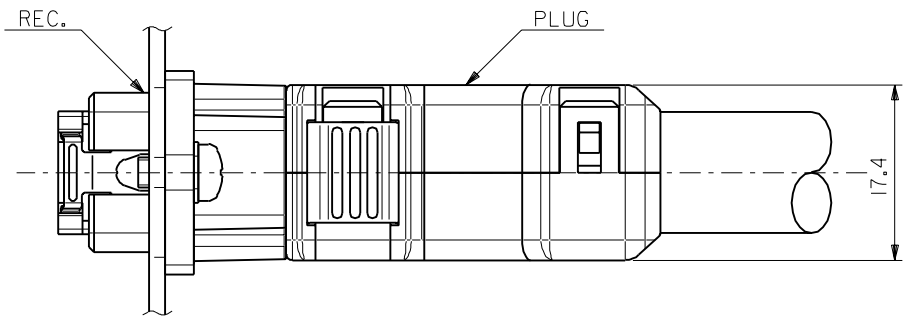
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-51238-007	PSD	001	B

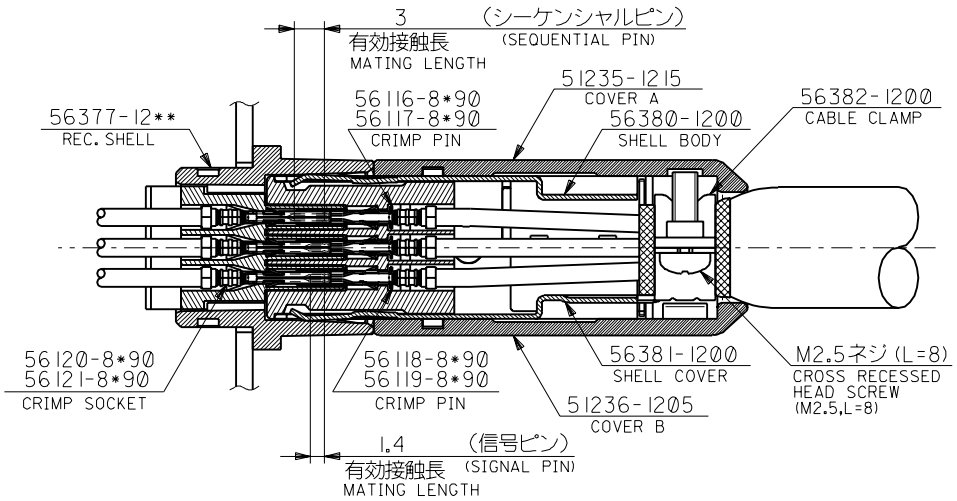
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 4

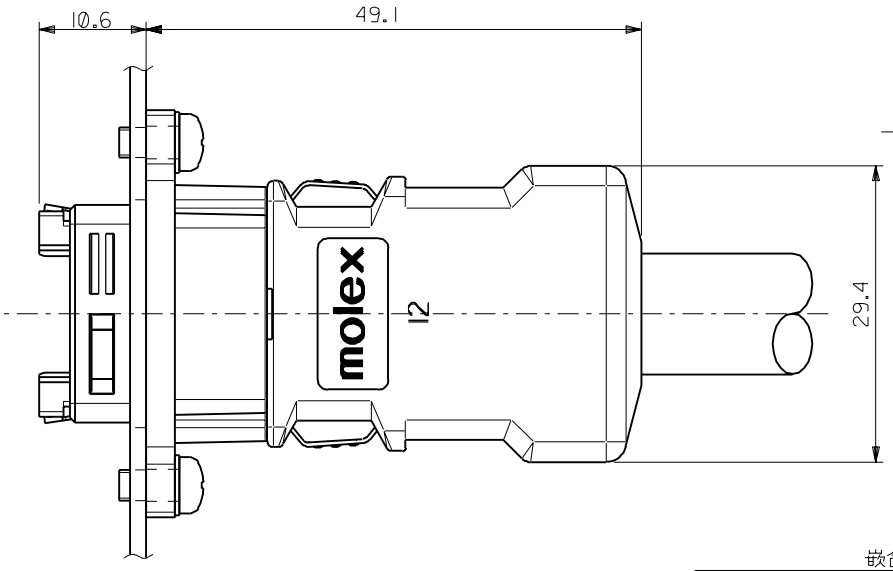
DOCUMENT STATUS	RQ	RELEASE DATE	

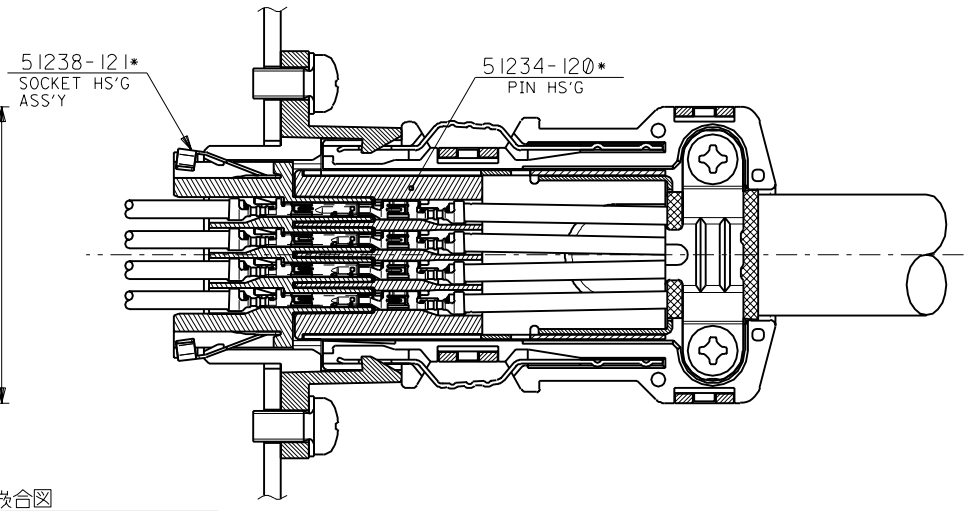
FORMAT: Eng-lega-master-tb-prod-B
REVISION: E
DATE: 2020/01/14

DWG. NO. SD-51238-007









嵌合図
CROSS-SECTION VIEW OF MATED CONNECTOR

EC NO.	DRWN:	CH'K:	APPR:	DESCRIPTION	REV
				REVISED '01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: YO.ITO	A
				RELEASED '01/02/16 EC NO. JD2001-1040 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: H.IKESUGI	0

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ: #
WIRE RANGE 適用電線範囲: #
INS. RANGE 被覆外径: #

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 2-1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: S.Akiyama '01/01/25
CHECKED BY & DATE: J.Miyazawa / Y.Ito
APPROVED BY & DATE: H.Ikesugi

TITLE:
COMPACT ROBOT CONN. (CRC)
REC. SOCKET HS'G ASS'Y

molex MOLEX INCORPORATED

CAD FILENAME: 51238007.S01
MATERIAL NO.: SEE CHART
DRAWING NO.: SD-51238-007
SHEET NO.: 2 OF 4
SIZE: B

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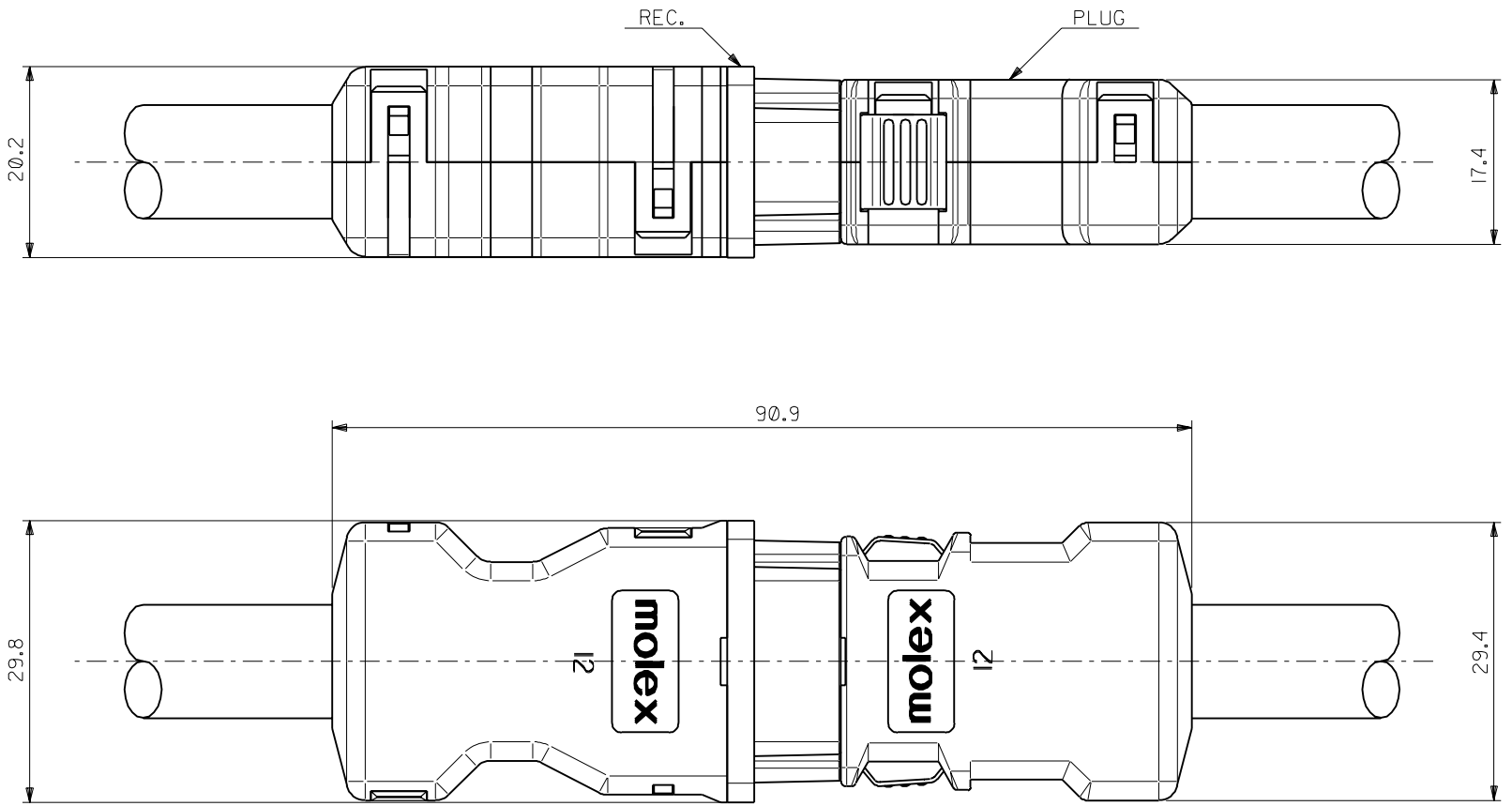
DO NOT SCALE DRAWING

51238007.S02



嵌合図（中継タイプ）
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

DWG. NO. SD-51238-007

DO NOT SCALE DRAWING

REV	DESCRIPTION	EC NO.	DRWN	CH'K	APPR
A	REVISED '01/10/04	J2002-0786	S.AKIYAMA	J.MIYAZAWA	YO.ITO
0	RELEASED '01/02/16	JD2001-1040	S.AKIYAMA	J.MIYAZAWA	H.IKESUGI

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ: #
WIRE RANGE 適用電線範囲: #
INS. RANGE 被覆外径: #

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 2-1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY
SHT REV
REVISE ON CAD ONLY
DRAWN BY & DATE S.Akiyama '01/01/25
CHECKED BY & DATE J.Miyazawa / Y.Ito
APPROVED BY & DATE H.Ikesugi
CAD FILENAME 51238007.S03
TITLE: COMPACT ROBOT CONN. (CRC) REC. SOCKET HS'G ASS'Y
molex MOLEX INCORPORATED
MATERIAL NO. SEE CHART
DRAWING NO. SD-51238-007
SHEET NO. 3 OF 4
SIZE B

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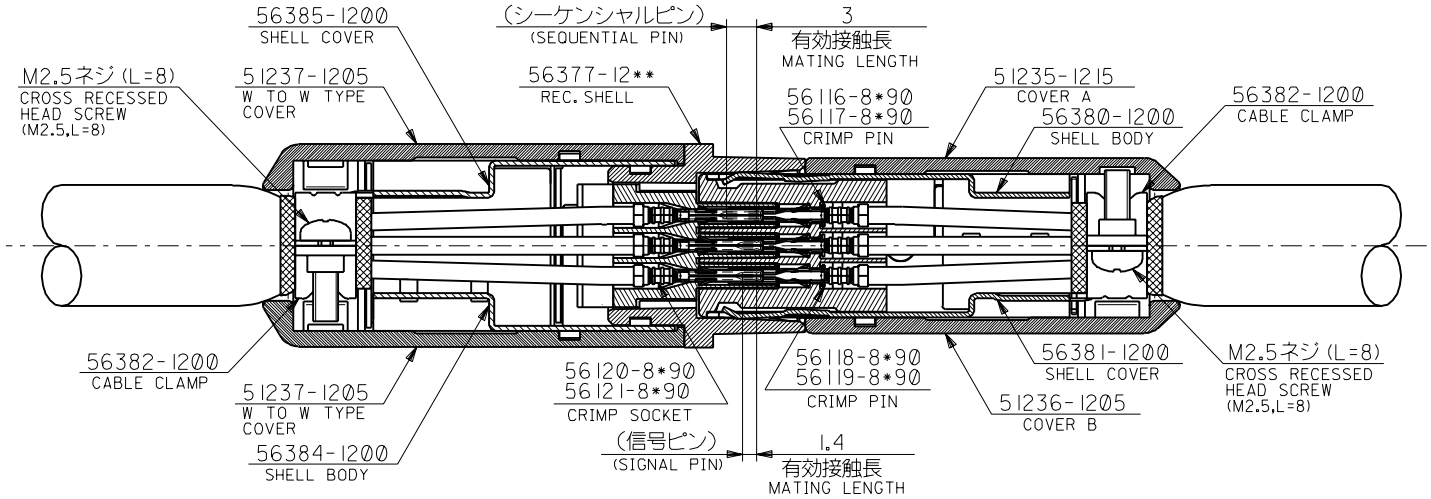
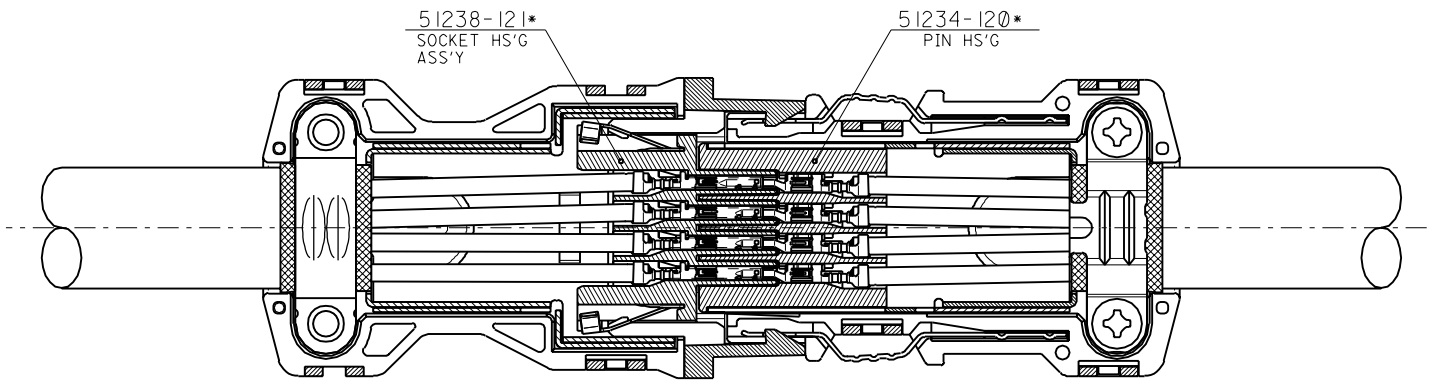
51238007.S03

EN-02J(097) MXJ-54





嵌合図（中継タイプ）
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

EC NO.	DRWN:	CH'K:	APPR:	DESCRIPTION	REV
				REVISED '01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: YO.ITO	A
				RELEASED '01/02/16 EC NO. JD2001-1040 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: H.IKESUGI	0

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ: #
WIRE RANGE 適用電線範囲: #
INS. RANGE 被覆外径: #

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 2-1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY
SHT REV
REVISE ON CAD ONLY
DRAWN BY & DATE S.Akiyama '01/01/25
CHECKED BY & DATE J.Miyazawa / Y.Ito
APPROVED BY & DATE H.Ikesugi
CAD FILENAME 51238007.S04
TITLE: COMPACT ROBOT CONN. (CRC) REC. SOCKET HS'G ASS'Y
molex MOLEX INCORPORATED
MATERIAL NO. SEE CHART
DRAWING NO. SD-51238-007
SHEET NO. 4 OF 4
SIZE B

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DO NOT SCALE DRAWING
DWG. NO. SD-51238-007
51238007.S04
EN-02J(097) MXJ-54