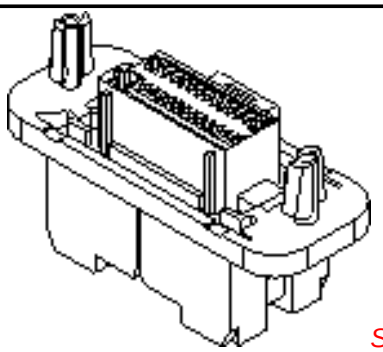
This document was generated on 04/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0559492619

Status: Active

Description: 1.25mm (.049") Pitch Mini Mi II™ System Wire-to-Wire Plug Housing, Dual Row, Floating Type, 26 Circuits, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51405-008 (PDF)
Product Specification PS-54769-006 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	IDT and Solder Connectors
Series	55949
Comments	Floating Type
Crimp Quality Equipment	Yes
Product Name	Mini Mi II™
Use With	54596 IDT Receptacle Housing

Physical

Circuits (Loaded)	26
Color - Resin	Black
Durability (mating cycles max)	3,000
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate
Number of Rows	2
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Plating min: Mating (µin)	8
Plating min: Mating (µm)	0.2
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole
Wire Size AWG	26, 28

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51405-008, PS-54769-006
Sales Drawing	SD-55949-007

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

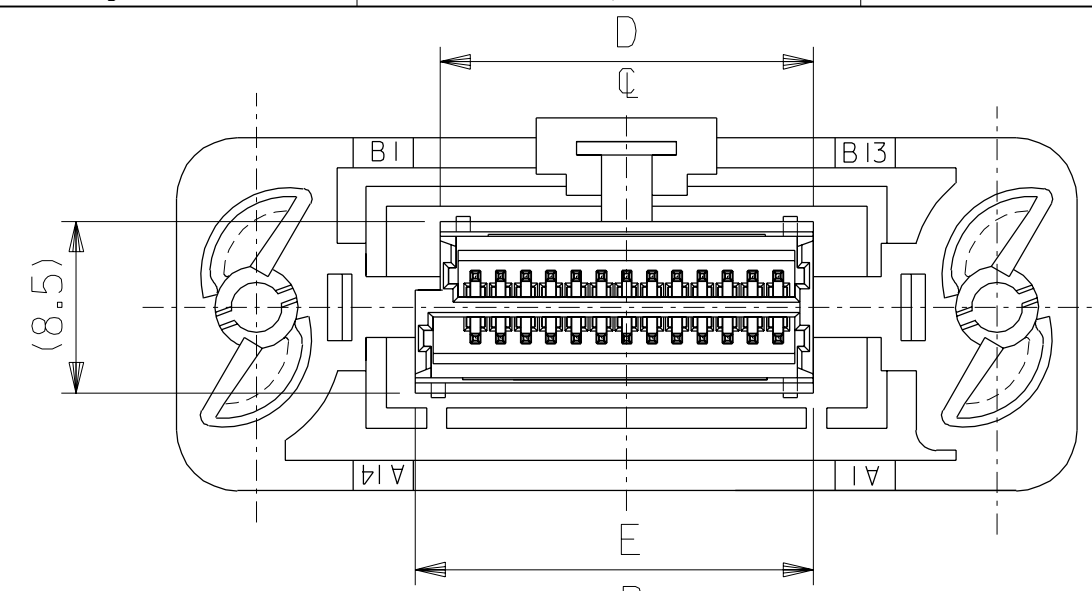
Search Parts in this Series
55949Series

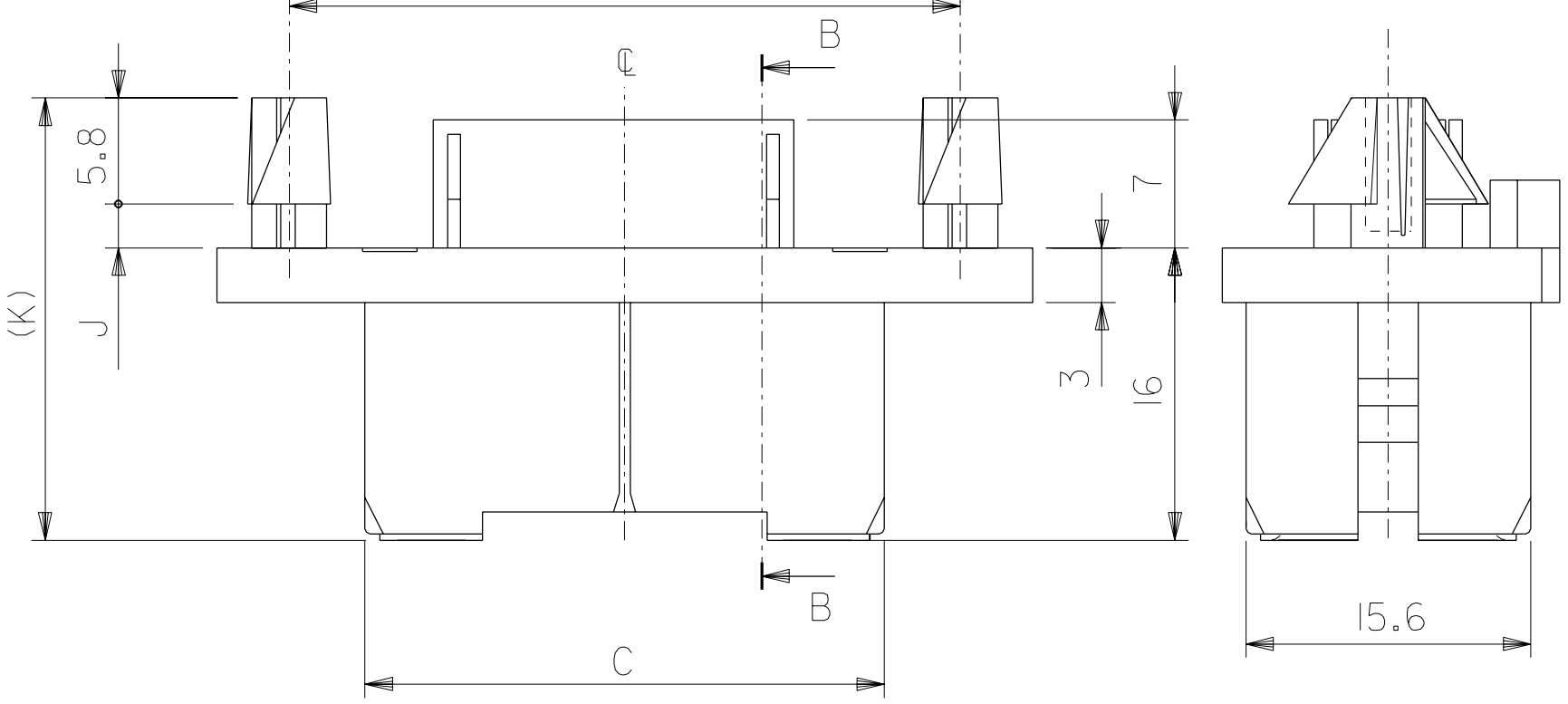
Mates With
51405 Receptacle Housing

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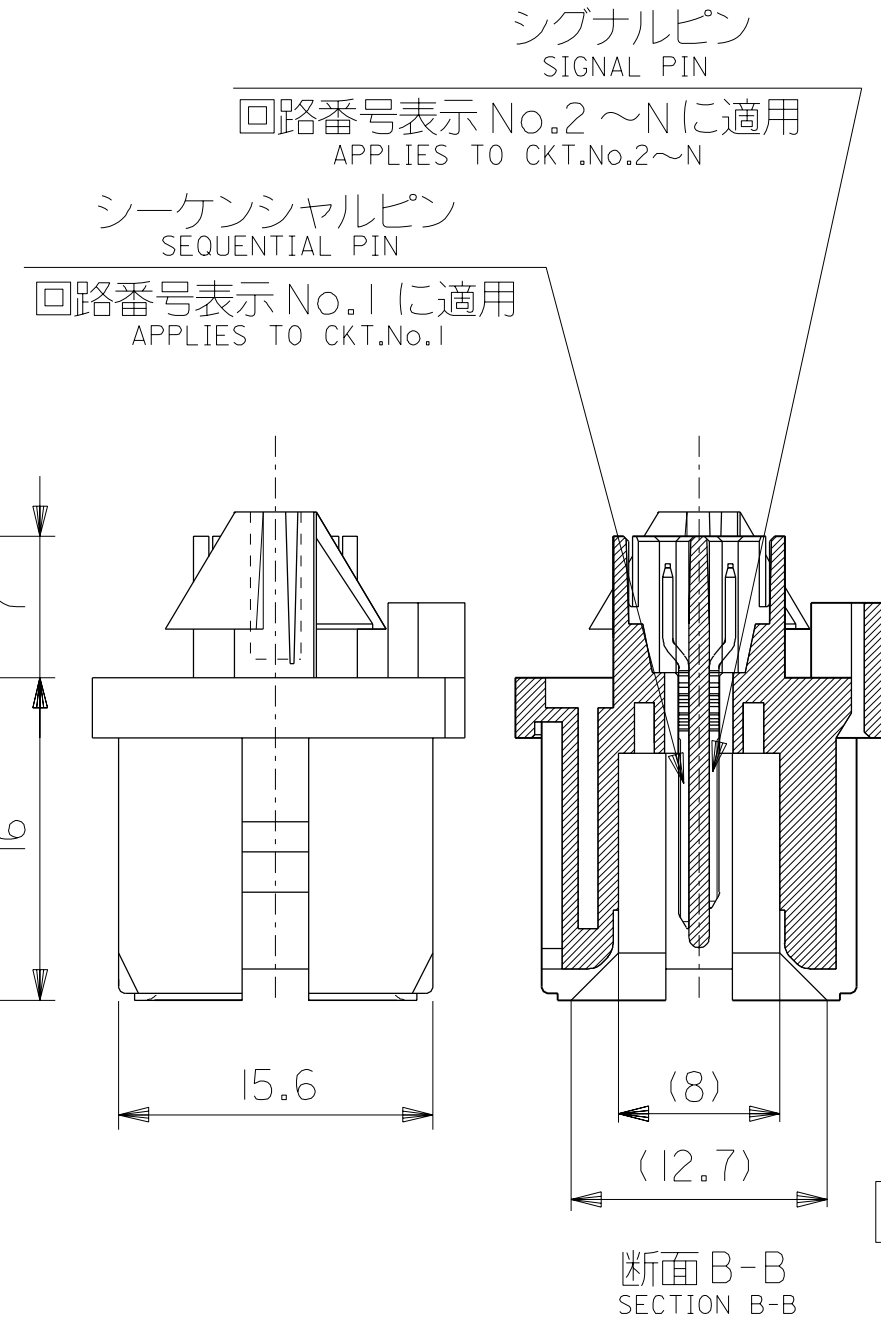
DWG. NO. SD-55949-007

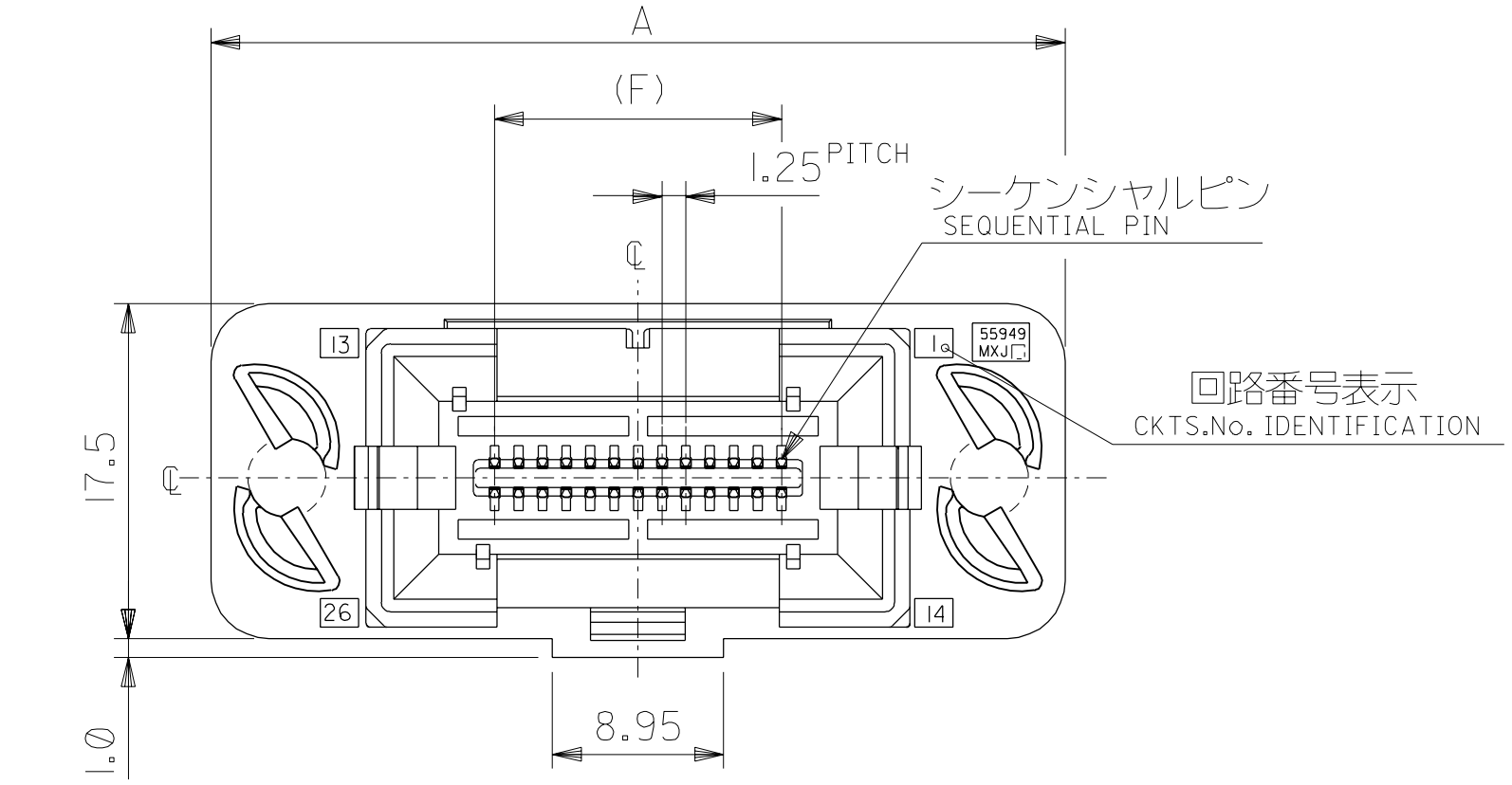


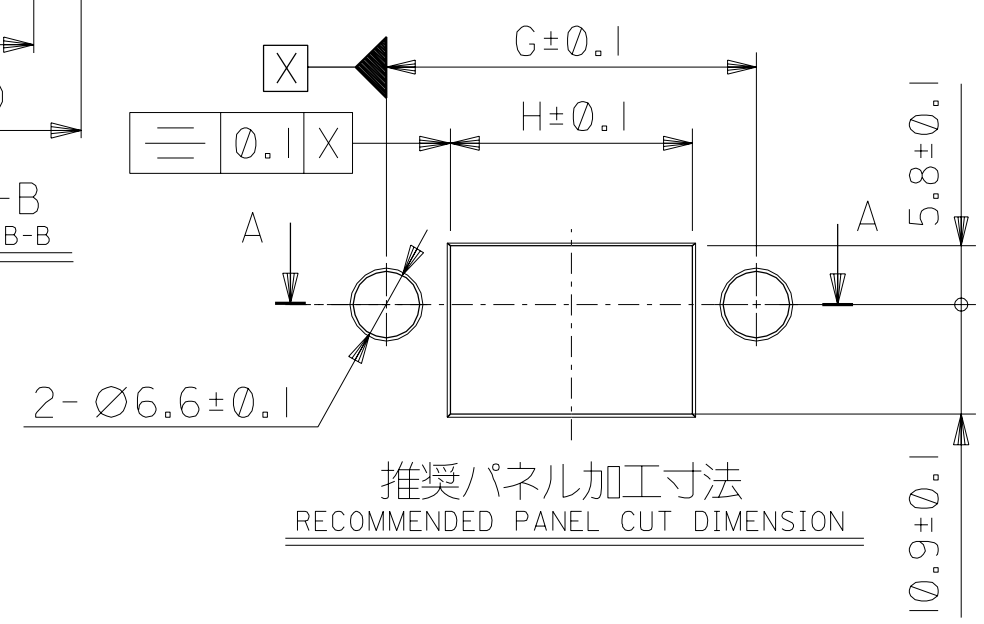


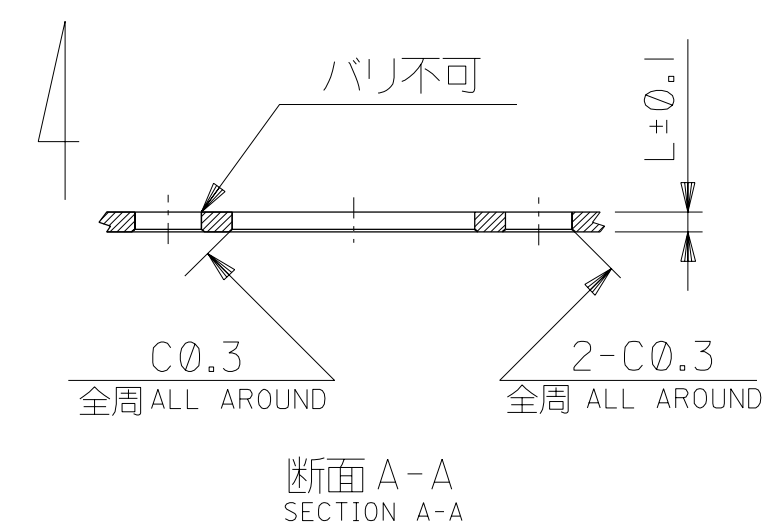
注記 NOTES

1. 材 質
   MATERIAL
   ハウジング：ポリカーボネート　UL94V−0　黒色
   HOUSING:POLYCARBONATE,UL94V-0,BLACK
   ターミナル：黄　銅
   TERMINAL:BRASS
2. メッキ仕様
   PLATING
   ターミナル
   TERMINAL
   金メッキ：0．2μmMIN.（接点部）
   GOLD:0.2 MICROMETER MIN.(CONTACT AREA)
   パラジウムニッケルメッキ：0．25μmMIN.（接点部）
   PALLADIUM-NICKEL:0.25 MICROMETER MIN.(CONTACT AREA)
   錫メッキ：1．0μmMIN.（リセプタクル嵌合部）
   TIN:1.0 MICROMETER MIN.(RECEPTACLE CONNECTED AREA)
   ニッケルメッキ：2．0μmMIN.（下地メッキ）
   NICKEL:2.0 MICROMETER MIN.(UNDER PLATING)
3. 適合リセプタクル：54596シリーズ
   APPRICABLE RECEPTACLE:54596SERIES
4. 嵌合相手：51405シリーズ
   MATE WITH:51405SERIES
5. 取り付けパネルのバーリング加工は不可とする。
   THE IMPROPRIETY OF THE USE PANEL IS A BURRING PROCESSING.
6. フローティング量　1mm（全周）
   FLOATING DISPLACEMENT : 1mm (ALL AROUND)
7. 本製品は55949−＊＊＊1の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 55949-＊＊＊1.









パネル厚 L	(K)	J	H	G	F	E	D	C	B	A	MATERIAL NO.	極数 CKT.
1.2	23.4	1.6	24.05	36.75	15	19.75	18.5	28.44	36.75	44.65	55949-2639	26
2	24.2	2.4									55949-2619	
			19.05	31.75	10	14.75	13.5	23.44	31.75	39.65	55949-1819	18

MODEL NO.	55949-＊＊＊9
DIMENSIONS:	mm/INCH ☐ INCH/mm ☐ mm ONLY ☒
SHT / REV	REVISE ON CAD ONLY
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	—#—
DESIGN UNITS	☒mm ☐INCH
THIRD ANGLE PROJECTION	
DRAWN BY & DATE	Y.WADA '04/03/18
CHECKED BY & DATE	M.SASAO '04/03/18
APPROVED BY & DATE	M.SASAO '04/03/18
CAD FILENAME	SD-55949-007.S01
TITLE:	1.25mm PITCH FLOATING CONN. PLUG HS'G ASS'Y. -LEAD FREE-
MATERIAL NO.	SEE CHART
DRAWING NO.	SD-55949-007
SHEET NO.	1 OF 2
SIZE	B

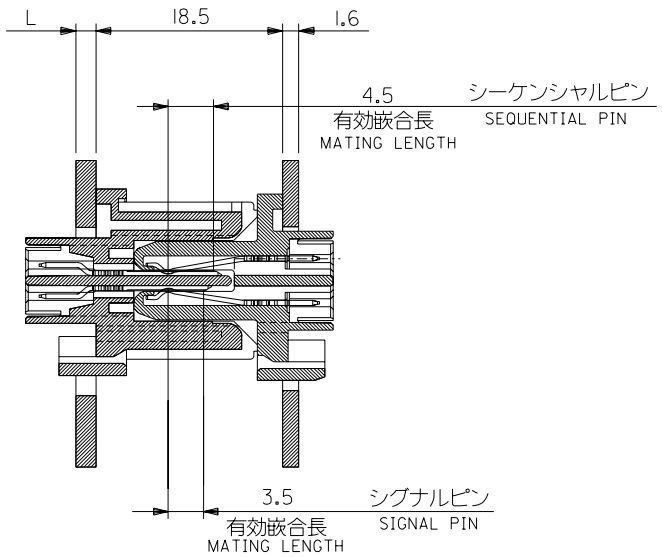
REV	DESCRIPTION	EC NO.	DRWN	CH'K	APPR
0	RELEASED	J2004-3177	Y.WADA '04/03/18	M.SASAO '04/03/18	M.SASAO '04/03/18

EC NO: DRWN: CH'K: APPR:

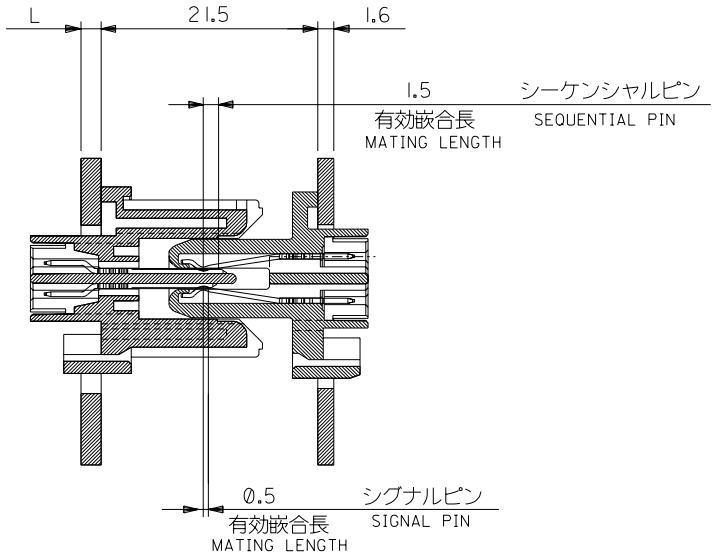
DO NOT SCALE DRAWING

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完全嵌合
NOMINAL MATING LENGTH



嵌合不足限度（－3）
MINIMUM MATING LENGTH LIMIT

DO NOT SCALE DRAWING	EC NO. / DRWN: / CH'K: / APPR:	EC NO. / DRWN: / CH'K: / APPR:	EC NO. / DRWN: / CH'K: / APPR:	EC NO. / DRWN: / CH'K: / APPR:	SEE SHEET 1 OF 2 / EC NO. / DRWN: / CH'K: / APPR:	DESCRIPTION	MATERIAL 材料: SEE SHEET 1 OF 2	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —#	MODEL NO. 55949-***9
							FINISH 仕上げ: —#	10 UNDER 未満	±0.2	DESIGN UNITS ☒mm ☐INCH	DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
							WIRE RANGE 適用電線範囲: —#	10 OVER 以上 30 UNDER 未満	±0.25	THIRD ANGLE PROJECTION	SHT / REV
							INS. RANGE 被覆外径: —#	30 OVER 以上	±0.3	DRAWN BY & DATE: Y.WADA '04/03/18	REVISE ON CAD ONLY
						REV		ANGLE 角度	±3°	CHECKED BY & DATE: M.SASAO '04/03/18	TITLE: 1.25mm PITCH FLOATING CONN. PLUG HS'G ASS'Y. -LEAD FREE-
					∅					APPROVED BY & DATE: M.SASAO '04/03/18	molex MOLEX INCORPORATED
										CAD FILENAME: SD-55949-007.S02	MATERIAL NO.: SEE CHART / DRAWING NO.: SD-55949-007 / SHEET NO.: 2

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SIZE B