

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0521160241

Status:

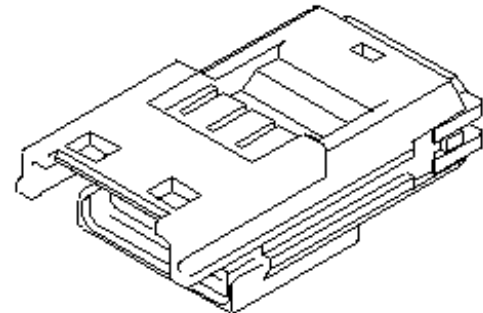
Active

Overview:

splash_proof

Description:

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Plug Housing for AVS 0.3,2 Circuits



Series

image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-52117-001 (PDF)
- Product Specification PS-52117-002 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Overview

Product Name

Crimp Housings

52116

splash_proof

Splash Proof

Physical

Circuits (maximum)

Color - Resin

Gender

Glow-Wire Compliant

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Stackable

Temperature Range - Operating

2

Black

Plug

No

Yes

Polyester

1

Tray

No

0.197 In

5.00 mm

No

-40°C to +105°C

Electrical

Current - Maximum per Contact

3A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-52116-001

PS-52117-001, PS-52117-002

SD-52116-02**

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

China RoHS



Not Halogen-Free

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

52116Series

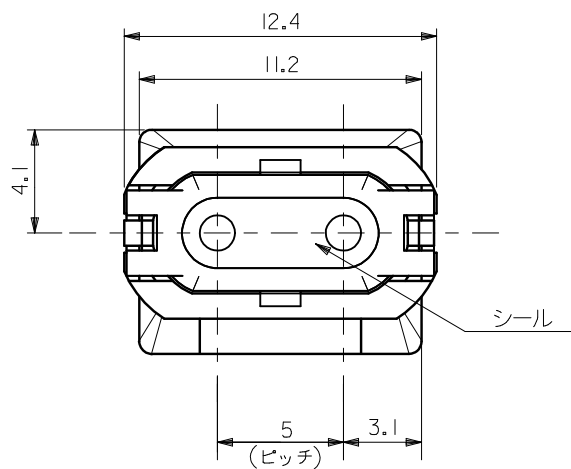
Mates With

52117

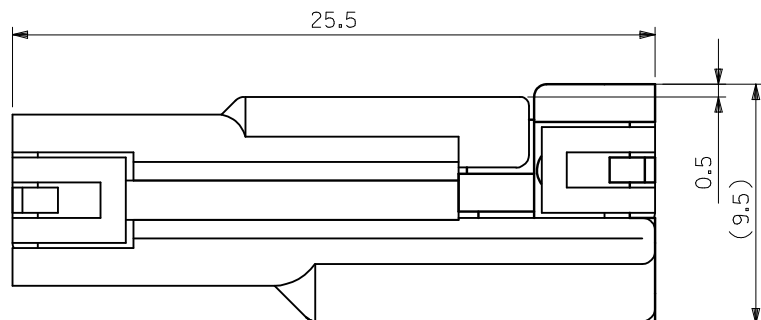
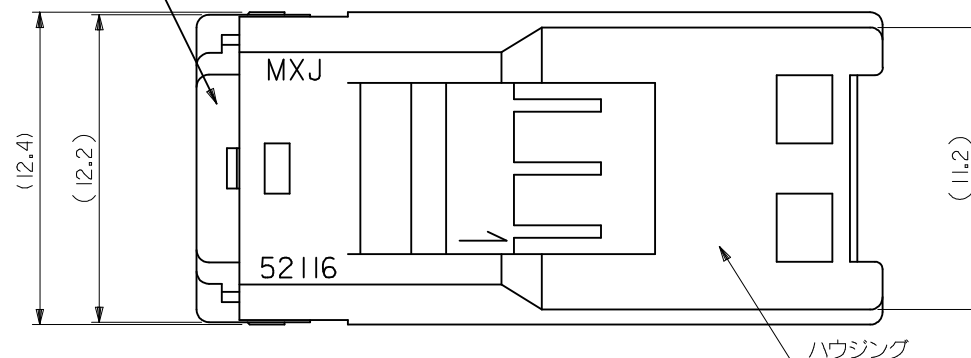
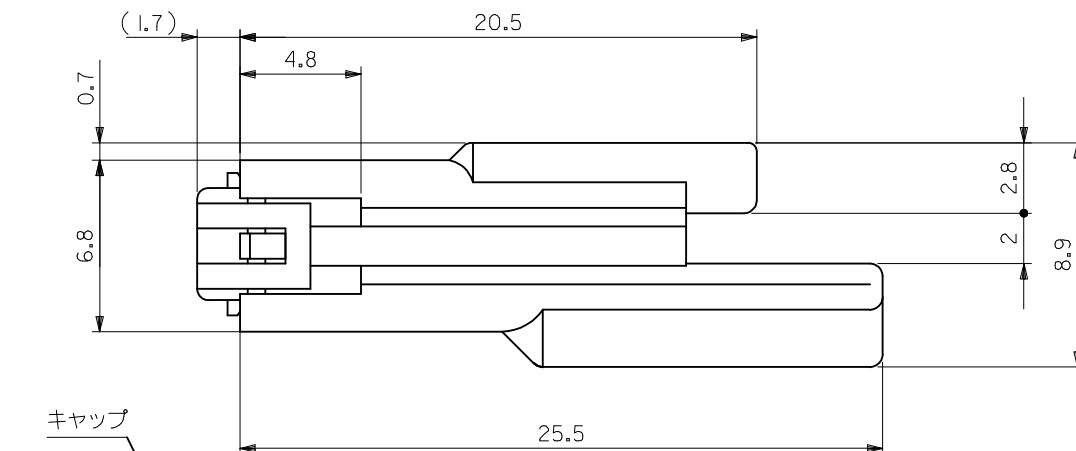
Use With

50038

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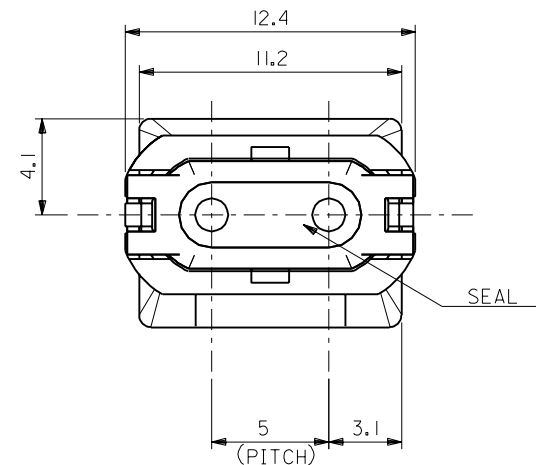
- 1.適合ターミナル: 50038-8*00
APPLICABLE TERMINAL: 50038-8*00
- 2.材料
MATERIAL
キャップ: ポリエステル (ガラス入り)
CAP: POLYESTER (GLASS FILLED)
ハウジング: ポリエステル (ガラス入り)
HOUSING: POLYESTER (GLASS FILLED)
シール: シリコンゴム
SEAL: SILICONE RUBBER
- 3.嵌合相手: 52117-02**
MATE WITH: 52117-02**
- 4.表の色はハウジング色を表す.
HOUSING COLOR IS SHOWN IN CHART
- 5.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT



嵌合状態図
FULLY MATED CONDITION

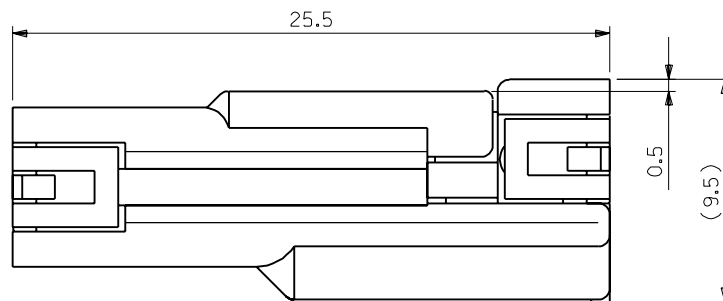
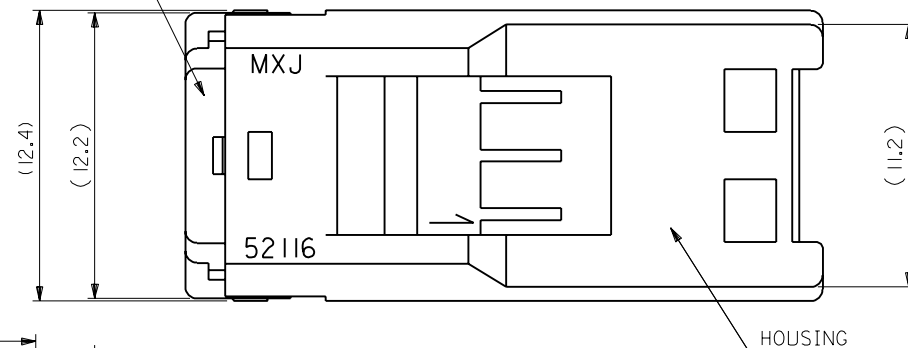
AVSS0.3, AWG#20-22	白 WHITE	52116-0243
AVS0.3, AWG#20-22	赤 RED	52116-0242
AVS0.3, AWG#20-22	黒 BLACK	52116-0241
AVS0.3, AWG#20-22	白 WHITE	52116-0240
適応電線範囲 APPLICABLE WIRE RANGE		色 COLOR ENG. NO.

REVISED EC NO: JTR2009-0109 DRWN:MSHIBATA 2009/03/31 CHKD:TAITO 2009/03/31 APPR:AKANESHI GE 2009/04/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY Y. ASHIZAWA	DATE 1988/7/8	TITLE 2.5 SPLASH PROOF CONN. PLUG HSG ASSY W/POSITIVE LOCK			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SAKANO	DATE 1988/7/8				
		30 OVER	± 0.3	APPROVED BY M. ENOMOTO	DATE 1988/7/8				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52116-02**		1 OF 1		
	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

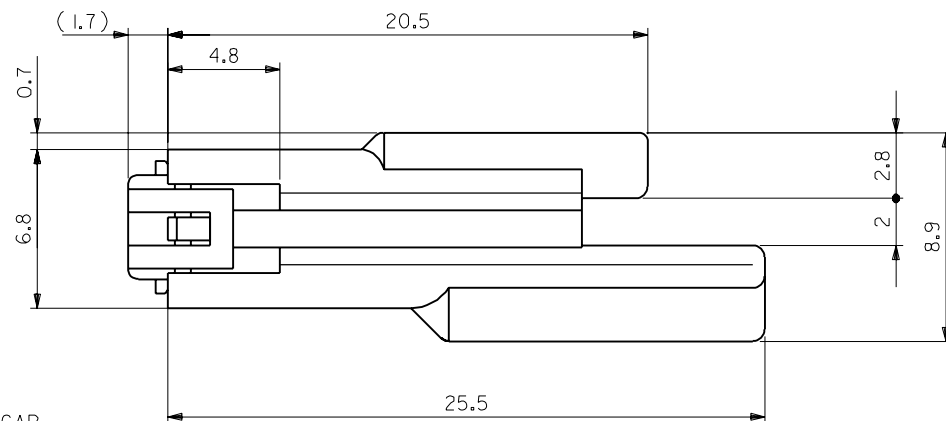


NOTES

- 1.ACCEPTS CRIMP TERMINAL:50038-8*00
- 2.MATE'L :
CAP ;POLYESTER(15%G.F.)
HOUSING;POLYESTER(15%G.F.)
SEAL ;SILICONE
- 3.MATES WITH:52117-02**
- 4.COLOR IN THE CHART INDICATES HOUSING COLOR



FULLY MATED CONDETION



AVS0.3, AWG#20-22	RED	52116-0242
AVS0.3, AWG#20-22	BLACK	52116-0241
AVS0.3, AWG#20-22	WHITE	52116-0240
WIRE RANGE	COLOR	ENG. NO.

角度	ANGLE	±3°
30以上 OVER		+0.3
10以上 30未満 OVER UNDER		+0.25
10未満 UNDER		+0.2
一般公差 GENERAL TOLERANCES		

REVISED (J9021B)	3/16/89
RELEASED(J80600)	7/8/88
記号 LTR	変更内容 REVISION RECORD
DR.	CHK.
DATE	DATE
REVISE ONLY ON CAD SYSTEM	

材料 MATERIAL	SEE NOTES
仕上げ FINISH	//
適用電線範囲 WIRE RANGE	SEE CHART
被覆外径 INS. RANGE	φ1.8-1.9
DRAWN BY 7/8/88 Y.ASHIZAWA	CHK'D BY M.SAKANO
APP'D BY M.ENOMOTO	尺度 SCALE 5-1

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
EDP. NO.	//
ENG. NO.	SD-52116-02**
TITLE 名称	2.5 SPLASH PROOF CONN. PLUG HS'G ASS'Y W/POSITIVE LOCK