

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0552160601](#)
Status: **Active**
Description: 0.80mm (.031") Pitch IDT Cover Strain Relief, 60 Circuits

Documents:
[Drawing \(PDF\)](#) [Product Specification PS-54373-003 \(PDF\)](#)
[Product Specification PS-54373-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

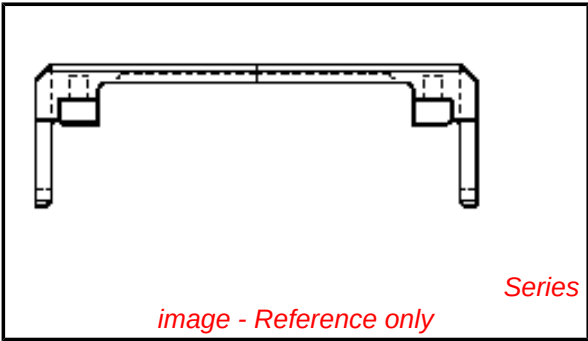
General
Product Family Accessories
Series [55216](#)
Component Type Strain Relief
Product Name N/A

Physical
Circuits (Loaded) 60
Packaging Type Bag
Temperature Range - Operating -20°C to +60°C

Material Info

Reference - Drawing Numbers

Application Specification AS-55218-003
Product Specification PS-54373-002, PS-54373-003, RPS-54373-008, RPS-54373-009
Sales Drawing SD-55218-002, SD-55218-004



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
[55216Series](#)

Use With
[55215](#) Upper Housing, [55217](#) IDT Plug

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NOTES

1. PARTS LIST:

NO.	PART NAME	ENG. NO.	QUAN.	MATERIAL	COLOR
①	PLUG SUB ASS'Y	55217-0601	1	PLUG HS'G: PBT ,G.F.35% ,UL94V-0	BLACK
				LOWER COVER: PBT ,G.F.35% ,UL94V-0	BLACK
		55217-0606 (LEAD FREE)	1	TERMINAL: PHOSPHOR BRONZE PLATING SPEC.: Au0.2μmMIN.,Sn-Pb1-4μm,Ni2-3.5μm.	—#—
				PLUG HS'G: PBT ,G.F.35% ,UL94V-0	BLACK
②	UPPER COVER	55215-0601	2	LOWER COVER: PBT ,G.F.35% ,UL94V-0	BLACK
				TERMINAL: PHOSPHOR BRONZE PLATING SPEC.: Au0.2μmMIN.,Sn-Cu2-4μm,Ni1.5-3μm.	—#—
③	STRAIN RELIEF	55216-0601	1	PPS ,G.F.40% ,UL94V-0	BLACK
				46NYLON ,G.F.30% ,UL94V-0	BLACK

2. 適用電線:

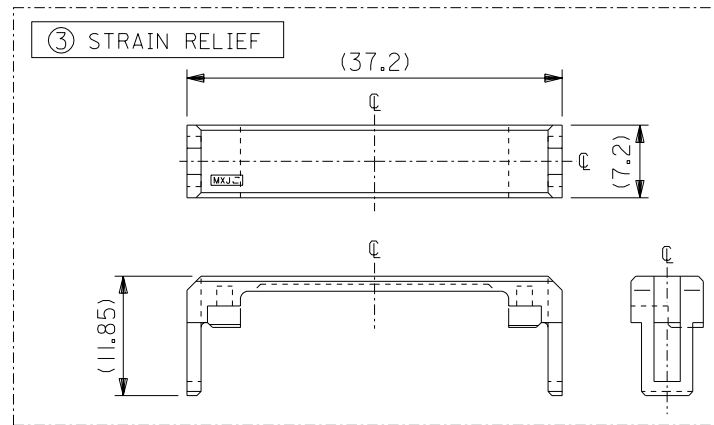
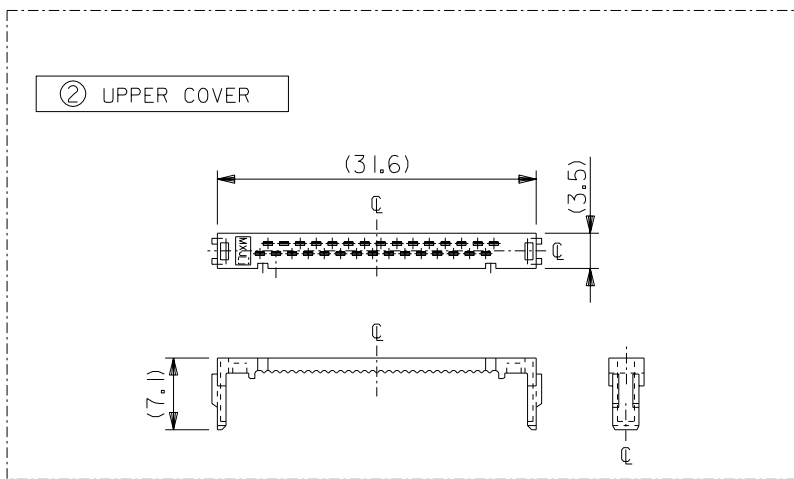
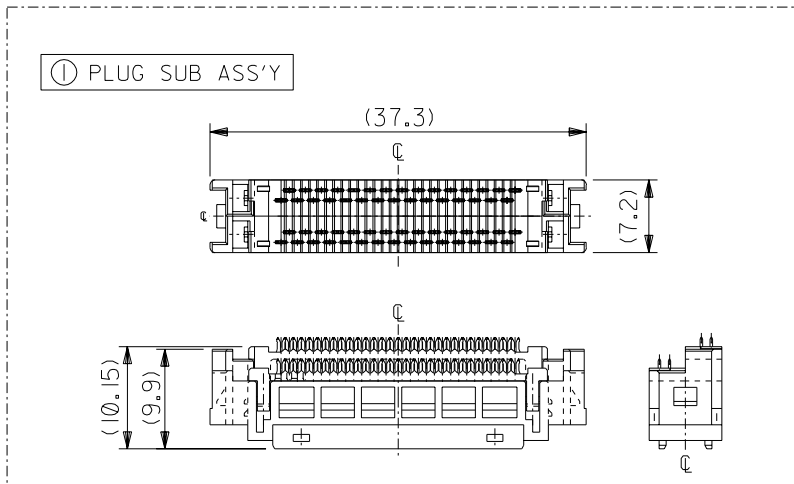
日立電線 (株) 製 フラットエース・スダレタイプ (ピッチ:0.8mm) ケーブル
HITACHI DENSEN NO. :UL20028-ST P=0.8
[UL20028-ST 30×30AWG (7/0.102) P=0.8]
MOLEX NO. :58605-0600

3. 適用圧接治工具:

日本モレックス (株) 製指定治工具

4. 適用リセプタクル: 0.8mm ピッチ ストレート リセプタクル

MOLEX NO. :54373-0601,54373-0606(LEAD FREE)



無鉛
LEAD FREE

鉛フリー (LEAD FREE)	55218-0606 55218-0601	55218-060*
MATERIAL NO.		MODEL NO.
DIMENSIONS:		SHT REV
☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY

EC NO. DRWN: CHK: APPR:		REVISED 03/07/15 EC NO. J2004-0143 DRWN: M.ISOGAYA CHK: S.ICHIKAWA APPR: YO.IITO		REVISED EC NO. JD90414/98/09/16 DRWN: T.ODA CHK: S.ICHIKAWA APPR: H.IKESUGI		RELEASED EC NO. JD81489/98/04/29 DRWN: S.ICHIKAWA CHK: Y.IITO APPR: H.IKESUGI		MATERIAL 材料 SEE NOTES		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 2-1		DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION		TITLE: 0.8 PITCH WIRE TO BOARD CONNECTOR	
EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		FINISH 仕上り —#—		10 UNDER 未満		±0.2		DRAWN BY & DATE S. Ichikawa 98/04/29		CHECKED BY & DATE Y. Ito		APPROVED BY & DATE H. Ichikawa	
EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		WIRE RANGE 適用電線範囲		10 OVER 30 UNDER 以上 未満		±0.25		CAD FILE NAME 55218002.S01		MATERIAL NO. SEE CHART		DRAWING NO. SD-55218-002	
EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		INS. RANGE 被覆外径		30 OVER 以上		±0.3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SHEET NO. 1 OF 2		SIZE B	
EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		WIRE RANGE 適用電線範囲		ANGLE 角度		±3°							
EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		INS. RANGE 被覆外径											

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EN-02J(097) MXJ-54

55218002.S01

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5218002502

DWG. NO.
SD-55218-004

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DO NOT SCALE DRAWING

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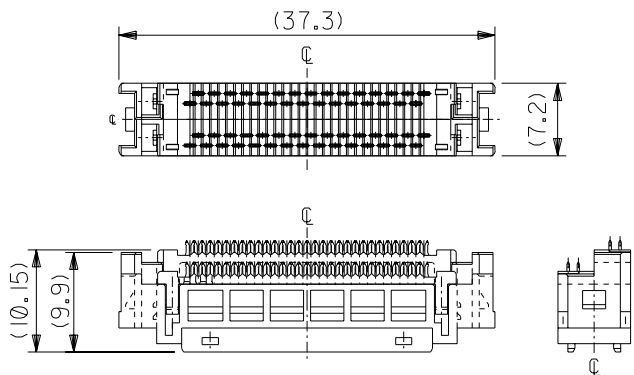
NOTES

1. PARTS LIST:

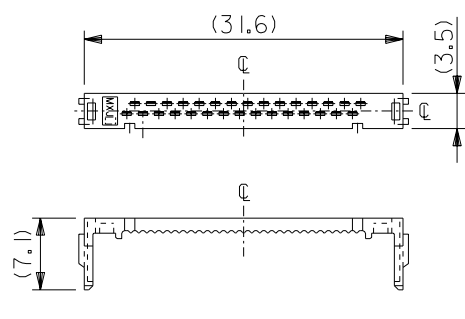
NO.	PART NAME	ENG. NO.	QUAN.	MATERIAL	COLOR
①	PLUG SUB ASS'Y	55217-0671	1	PLUG HS'G: PBT ,G.F.35% ,UL94V-0	BLACK
				LOWER COVER: PBT ,G.F.35% ,UL94V-0	BLACK
				TERMINAL: PHOSPHOR BRONZE PLATING SPEC.: AU0.2 MICROMETER MIN. TIN 1.0 MICROMETER MIN. NICKEL 2.0 MICROMETER MIN.	—#—
②	UPPER COVER	55215-0601	2	PPS ,G.F.40% ,UL94V-0	BLACK
③	STRAIN RELIEF	55216-0601	1	46NYLON ,G.F.30% ,UL94V-0	BLACK

2. 適用電線:
日立電線 (株) 製 フラットエース・スタレタイプ (ピッチ:0.8mm) ケーブル
HITACHI DENSEN NO. :UL20028-ST P=0.8
[UL20028-ST 30×30AWG (7/0.102) P=0.8]
MOLEX NO. :58605-0600
3. 適用圧接治工具:
日本モレックス (株) 製指定治工具
4. 適用リセブタクル: 0.8mm ピッチ ストレート リセブタクル
MOLEX NO. :54373-0601,54373-0606(LEAD FREE)
5. 本製品は55218-0601 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55218-0601

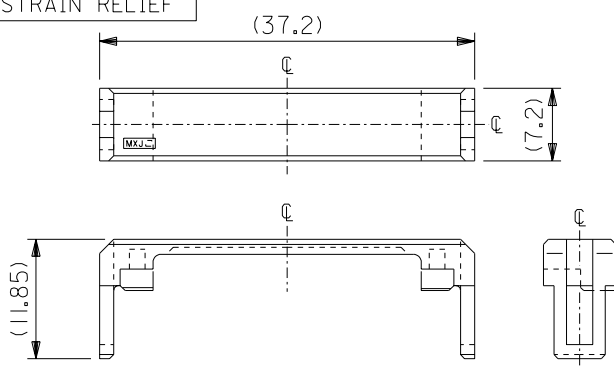
① PLUG SUB ASS'Y



② UPPER COVER



③ STRAIN RELIEF



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

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

SCALE —#—	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE H.SHIMABUKURO '04/3/19	CHECKED BY & DATE K.TOJO '04/3/19
APPROVED BY & DATE M.SASAO '04/3/19	CAD FILENAME 55218004.S01

THIRD ANGLE PROJECTION	TITLE: -LEAD FREE- 0.8 PITCH WIRE TO BOARD CONNECTOR
MATERIAL NO. 55218-0671 MODEL NO. 55218-***71	
DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY	
SHT 1 REV 2	
MATERIAL NO. 55218-0601 DRAWING NO. SD-55218-004 SHEET NO. 1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
SIZE B	

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SD-55218-004.S01

DWG. NO.
SD-55218-004

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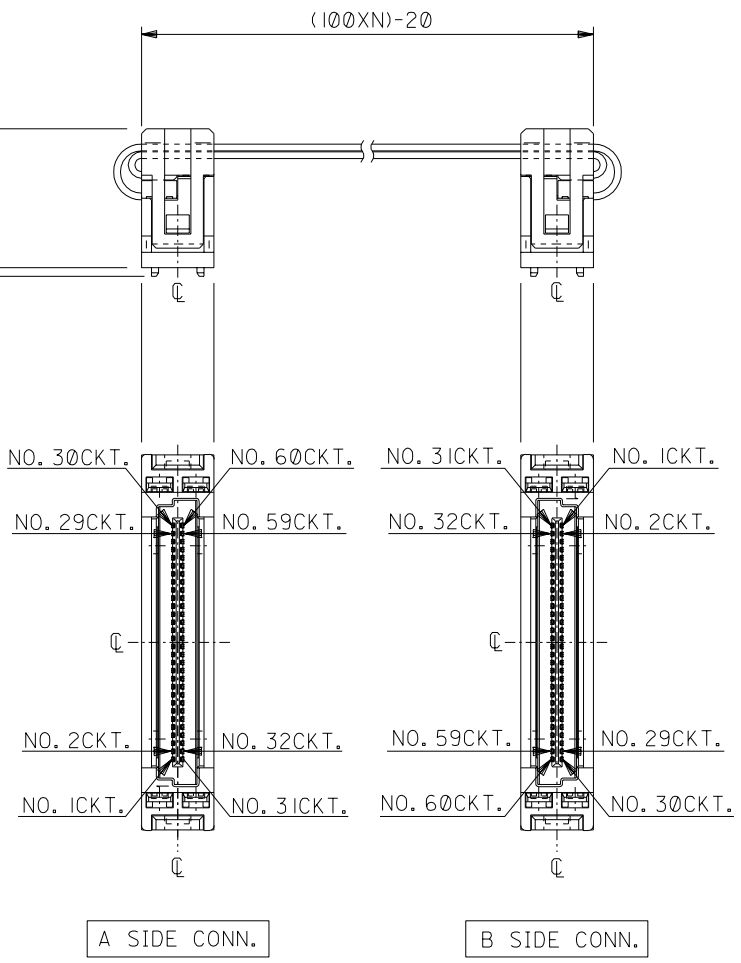
C

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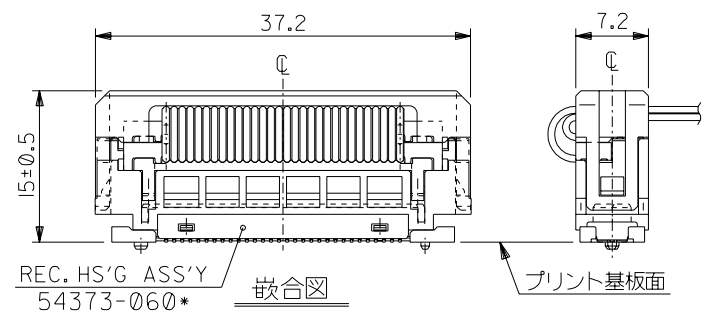
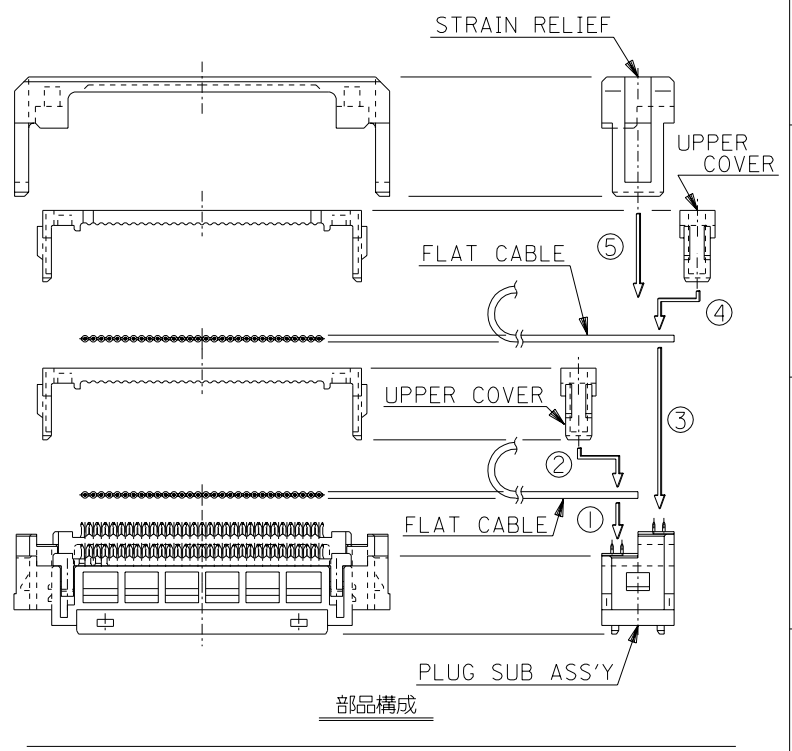
DO NOT SCALE DRAWING

PIN ASSIGN

A SIDE CONN.	B SIDE CONN.	A SIDE CONN.	B SIDE CONN.
1	30	31	60
2	29	32	59
3	28	33	58
4	27	34	57
5	26	35	56
6	25	36	55
7	24	37	54
8	23	38	53
9	22	39	52
10	21	40	51
11	20	41	50
12	19	42	49
13	18	43	48
14	17	44	47
15	16	45	46
16	15	46	45
17	14	47	44
18	13	48	43
19	12	49	42
20	11	50	41
21	10	51	40
22	9	52	39
23	8	53	38
24	7	54	37
25	6	55	36
26	5	56	35
27	4	57	34
28	3	58	33
29	2	59	32
30	1	60	31



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EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		DESCRIPTION	MATERIAL 材料		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —#—		DESIGN UNITS ☒ mm ☐ INCH		MODELING THIRD ANGLE PROJECTION		☐ mm ☐ INCH ☒ mm ONLY		SHT REV						
													FINISH 仕上り	10 UNDER 未満		±0.2	DRAWN BY & DATE H.SHIMABUKURO '04/3/19		TITLE: -LEAD FREE- 0.8 PITCH WIRE TO BOARD CONNECTOR												
														10 OVER 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE K.TOJO '04/3/19														
														30 OVER 以上		±0.3	APPROVED BY & DATE M.SASAO '04/3/19		MOLEX INCORPORATED												
												WIRE RANGE 適用電線範囲		—#—		ANGLE 角度		±3°	CAD FILENAME 55218004.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-55218-004		SHEET NO. 2						
												INS. RANGE 被覆外径		—#—		—#—		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.												SIZE B	

SD-55218-004.S02