

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0684250685

Status:

Planned for Obsolescence

Description:

4.95mm (.195") Pitch Wire-to-Board Receptacle Housing, with Positive Latch, 6 Circuits, Blue, Voids 1, 3, 5

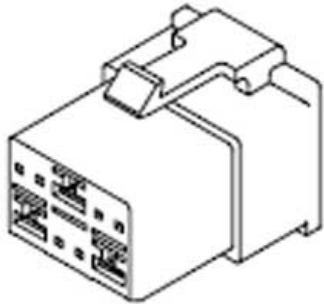
Documents:

Drawing (PDF)

Product Specification PS-68187-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Housings
Series	68425
Product Name	N/A
Physical	
Circuits (maximum)	6
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.195 In
Pitch - Mating Interface (mm)	4.95 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +120°C
Electrical	
Current - Maximum per Contact	5A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-68425-002
Product Specification	PS-68187-002
Sales Drawing	SD-68425-003



Series
image - Reference only

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

68425Series

Mates With

68187 PCB Header

Use With

57994 Terminal

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DWG. NO.
SD-68425-003

SIMILAR ITEM

PROJECT NO.

C

B

DO NOT SCALE DRAWING
DIMENSION IN METRIC

8

7

6

5

4

3

2

1

F

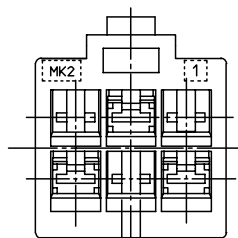
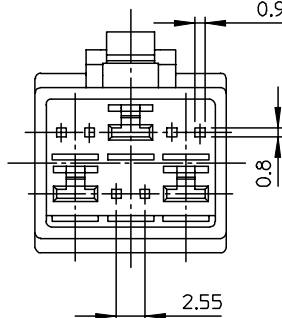
E

D

C

B

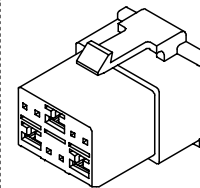
A

LOGO
(MOLEX)1.8
6.01.65
TYP.68425-0685 TYPE
(VOID 3P)

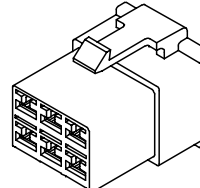
0.9

0.8

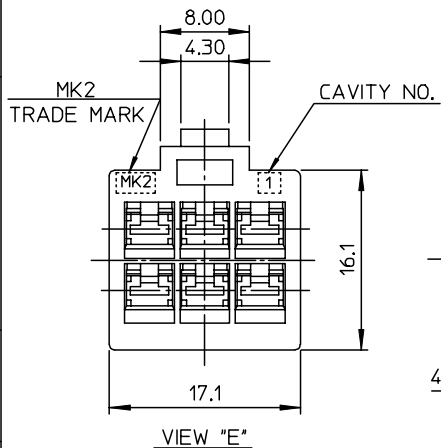
2.55



68425-0685

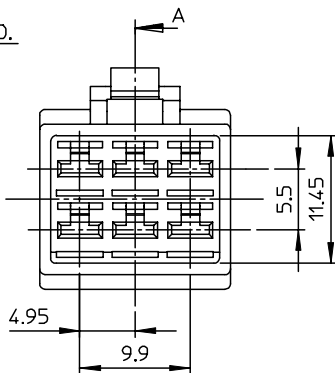


68425-0695



VIEW "E"

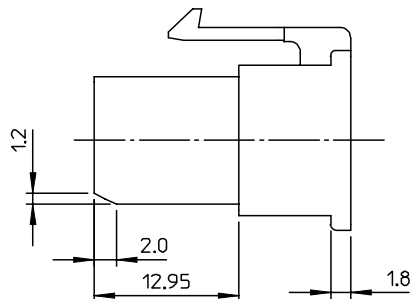
68425-0695 TYPE



4.95

9.9

A

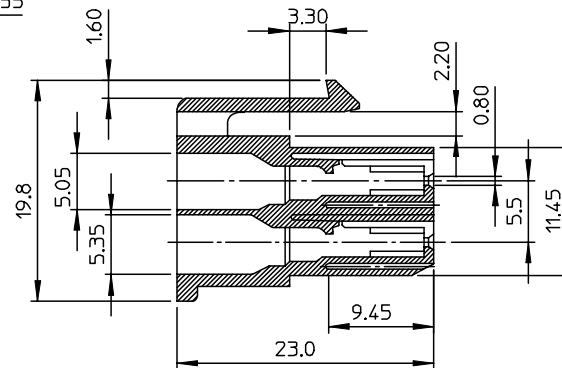


1.2

2.0

12.95

1.8



SECTION A-A

NOTES

1. MATERIAL : POLYAMIDE66, UL94V-2
DARKBLUE COLOR
2. APPLICABLE TERMINAL 57994-9802,9902
3. MATED HEADER :

HOUSING	MATED HEADER ASS'Y
68425-0685	68187-1515/1525
68425-0695	68187-0615/0625

NEW RELEASED
ECN NO. KOR2003-0092
DRWN: C.B.CHIN 03/04/23
CHK: W.Y.YANG
APPR: C.W.LEE

A

REV

QUALITY
SYMBOLSMAJOR
-0
CRITICAL
C-0GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.30	±.
1 PLACE	±0.25	±.

ANGULAR: ± 1 °

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONSSCALE
2:1DESIGN UNITS
☒ mm ☐ INCHDRAWN BY & DATE
C.B.CHIN 02/12/03
CHECKED BY & DATE
W.Y.YANG 02/12/03
APPROVED BY & DATE
C.W.LEE 02/12/03CAD FILENAME
S684250685.MITHIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIMENSIONS:

☐ mm ☐ INCH ☒ mm ONLY

SHT

REV

REVISE ON
CAD ONLYTITLE: .110 W/B CONN.
HOUSING-6P

MOLEX INCORPORATED

MATERIAL NO.
SEE DRAWINGDRAWING NO.
SD-68425-003SHEET NO.
1 OF 1SIZE
B

KOREA

MX-A3

8

7

6

5

4

3

2

KOREA

MX-A3