

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003122021](#)
Status: **Active**
Description: 3.18mm (.125") Diameter, HCS-125 Pin and Socket Plug Housing, 2 Circuits, Single Row, With and Without Panel Mount Ears

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Crimp Housings
Series [4306](#)
Product Name HCS-125

Physical

Circuits (maximum) 2
Color - Resin Natural
Flammability 94V-2
Gender Dual
Glow-Wire Compliant No
Material - Resin Nylon
Number of Rows 1
Packaging Type Bag
Panel Mount Yes
Pitch - Mating Interface (in) 0.280 In
Pitch - Mating Interface (mm) 7.11 mm
Stackable No
Temperature Range - Operating -40°C to +105°C

Electrical

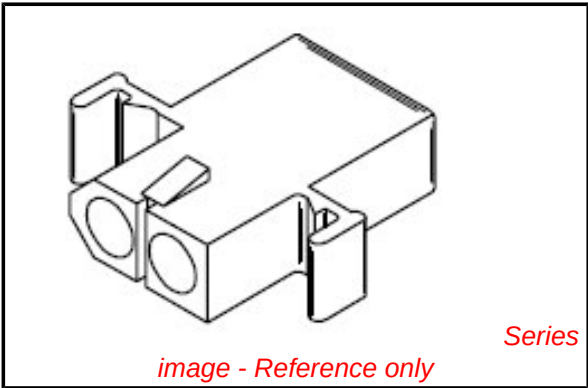
Current - Maximum per Contact 20A

Material Info

Old Part Number 4306-P

Reference - Drawing Numbers

Sales Drawing SD-4306-*



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

Need more information on product environmental compliance?

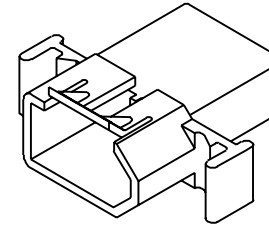
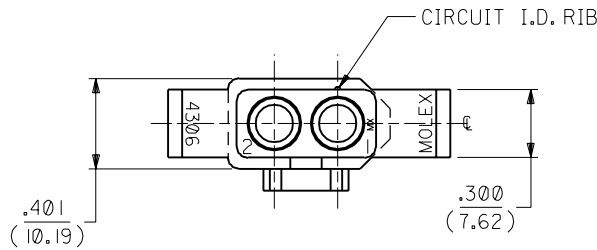
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[4306Series](#)

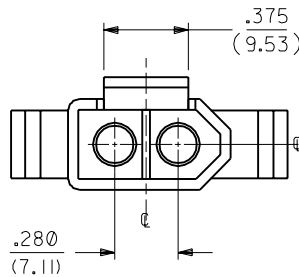
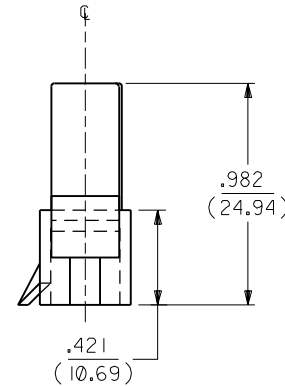
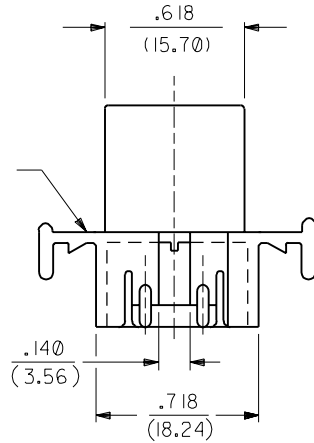
Mates With
[4306r](#)

Use With
[8947](#) , [1900](#) male crimp terminals, [1901](#) ,
[2046](#) , [2047](#) , [42546](#) , [42547](#) , [42554](#) , [42555](#)
 , [8946](#)



4306-P PLUG HOUSING

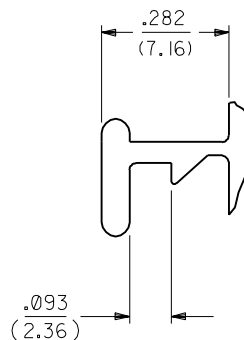
MOUNTING EAR (2 PL.)
SEE DETAIL 1 OR 2
(WHEN SPECIFIED)



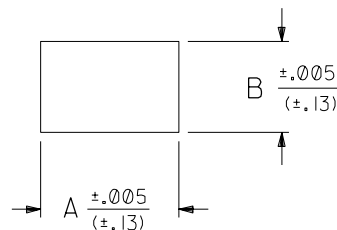
F	3	F	F	ADD CKT. I.D. RIB. PER ECR U3 1770 GC 12/9/93 RW
F	2	F	E	REDRAWN PER ECR 10/65 GEP 6/5/87 RW
F	1	F		
MFG.	SH.	REV.	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH		$\nabla = 0$ $\blacktriangledown = 0$		REVISE ONLY ON CAD SYSTEM																					
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR 1/2°		TITLE HOUSING, 2 CIRCUIT PLUG AND RECEPTACLE .125/(3.18) DIA.																							
<table border="1"> <thead> <tr> <th></th> <th>INCH</th> <th>METRIC</th> </tr> </thead> <tbody> <tr> <td>3 PLACE</td> <td>± .010</td> <td>---</td> </tr> <tr> <td>2 PLACE</td> <td>± .014</td> <td>± 0.25</td> </tr> <tr> <td>1 PLACE</td> <td>---</td> <td>± 0.36</td> </tr> </tbody> </table>			INCH	METRIC	3 PLACE	± .010	---	2 PLACE	± .014	± 0.25	1 PLACE	---	± 0.36	<table border="1"> <tr> <td>MOLEX</td> <td>MOLEX INCORPORATED</td> <td>SHEET NO.</td> <td>DATE</td> </tr> <tr> <td>LISLE, ILL.</td> <td>60532</td> <td>U.S.A.</td> <td>1 of 3 6/ 5/87</td> </tr> </table>				MOLEX	MOLEX INCORPORATED	SHEET NO.	DATE	LISLE, ILL.	60532	U.S.A.	1 of 3 6/ 5/87
	INCH	METRIC																							
3 PLACE	± .010	---																							
2 PLACE	± .014	± 0.25																							
1 PLACE	---	± 0.36																							
MOLEX	MOLEX INCORPORATED	SHEET NO.	DATE																						
LISLE, ILL.	60532	U.S.A.	1 of 3 6/ 5/87																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO. SEE CHART DRWG. NO. SD-4306-*																							
DRWG. BY APP'D. BY	GEP RAS	CHK'D. BY SCALE	RW 2 : 1	FILE NAME SD4306X1 DGN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																				
				DIV. CP	SIZE B																				

	10	9	8	7	6	4306	4	3	2	4306	
F	PLUG					RECEPTACLE					F
	PART NO.	ENG. NO.	DESCRIPTION			PART NO.	ENG. NO.	DESCRIPTION			
	03-12-2021	4306-P	PLUG WITH STANDARD EARS (DETAIL 1)			03-12-1021	4306-R	RECEPTACLE WITH STANDARD EARS (DETAIL 1)			
	03-12-2022	4306-PI	PLUG W/O EARS			03-12-1022	4306-RI	RECEPTACLE W/O EARS			
	03-12-2023	4306-PB	PLUG W/PREBENT EARS (DETAIL 2)			03-12-1023	4306-RB	RECEPTACLE W/PREBENT EARS (DETAIL 2)			



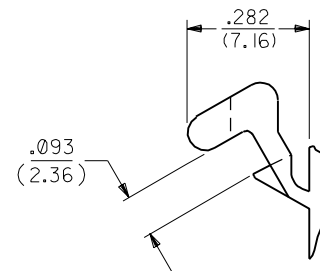
DETAIL 1
STANDARD MOUNTING EAR
SCALE 4:1



NOTES:

1. MATERIAL: NYLON TYPE 6/6, 94V-2, NATURAL.
2. FOR USE WITH .125/(3.18) DIA. SERIES TERMINALS.
3. MAXIMUM PANEL THICKNESS .090/(2.29).

MOUNTING PANEL OPENING		
HOUSING	DIM. "A"	DIM. "B"
PLUG	.878/(22.30)	.432/(10.97)
RECEPTACLE	.778/(19.76)	.375/(9.53)



DETAIL 2
PREBENT MOUNTING EAR
SCALE 4:1

[illegible]