

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003122022](#)
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	No
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

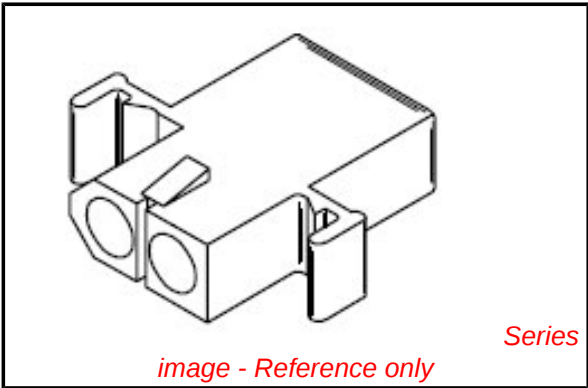
Current - Maximum per Contact	20A
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Material Info

Old Part Number	4306P1
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Reference - Drawing Numbers

Sales Drawing	SD-4306-*
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EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status



Not Reviewed

Need more information on product environmental compliance?

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

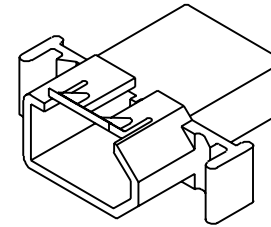
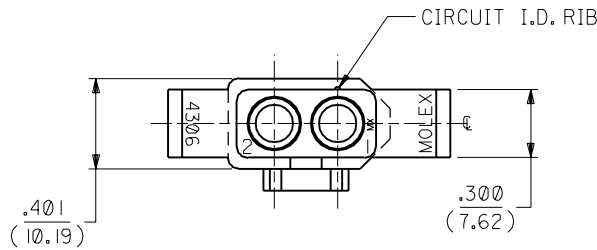
Please visit the [Contact Us](#) section for any non-product compliance questions.

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

Mates With
[4306r](#)

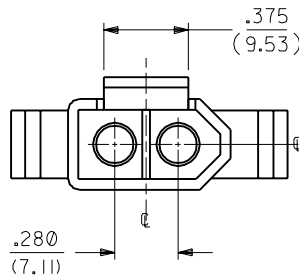
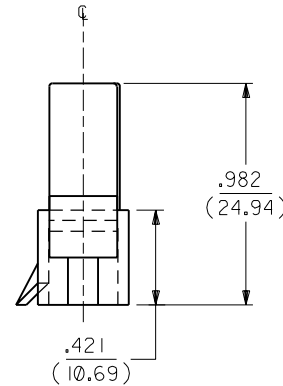
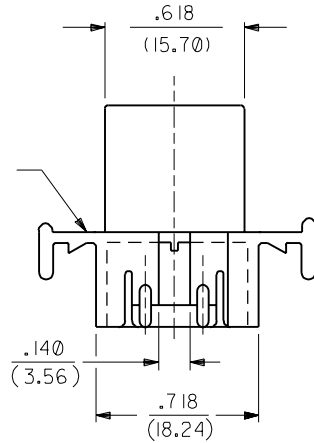
Use With
[8947](#) , [1900](#) male crimp terminals, [1901](#) ,
[2046](#) , [2047](#) , [42546](#) , [42547](#) , [42554](#) , [42555](#)
 , [8946](#)

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4306-P PLUG HOUSING

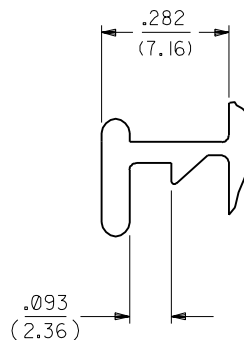
MOUNTING EAR (2 PL.)
SEE DETAIL 1 OR 2
(WHEN SPECIFIED)



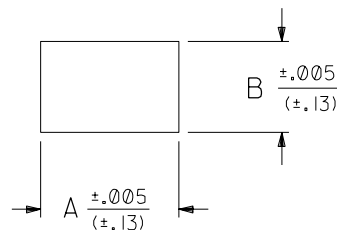
F	3	F	F	ADD CKT. I.D. RIB. PER ECR U3 1770 GC 12/9/93 RW
F	2	F	E	REDRAWN PER ECR 10/65 GEP 6/5/87 RW
F	1	F		
MFG.	SH.	REV.	LTR.	REVISIONS

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



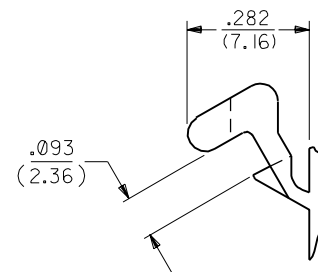
DETAIL 1
STANDARD MOUNTING EAR
SCALE 4:1



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

A						DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES- ANGULAR ± 1/2°	▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM
						TITLE	HOUSING, 2 CIRCUIT PLUG AND RECEPTACLE .125/(3.18) DIA.
						INCH METRIC	MOLEX INCORPORATED SHEET NO. DATE LISLE, ILL. 60532 U.S.A. 3 6 / 5 / 87
						3 PLACE ± .010 --- 2 PLACE ± .014 ± 0.25 1 PLACE --- ± 0.35	PART NO. SDRWG. NO. SEE CHART SD-4306*
			F	SEE SHEET I		DRWG. BY GEP EHK'D. RW APP'D. RAS SCALE 2 : 1	FILE NAME THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. SIZE CP B
			E	SEE SHEET I		LTR. REVISIONS LTR. REVISIONS	