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Part Number: [0015060245](#)
Status: **Active**
Overview: [minifit_bmi](#)
Description: 4.20mm (.165") Pitch Mini-Fit BMI™ Plug Housing, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 24 Circuits

Documents:

[3D Model](#) [Product Specification PS-5556-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Crimp Housings
Series [42475](#)
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.

Overview [minifit_bmi](#)
Product Name Mini-Fit BMI™

Physical

Circuits (maximum) 24
Color - Resin Natural
Flammability 94V-2
Gender Male
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Resin Nylon
Number of Rows 2
Packaging Type Bag
Panel Mount Yes
Pitch - Mating Interface (in) 0.165 In
Pitch - Mating Interface (mm) 4.20 mm
Polarized to Mating Part Yes
Stackable No
Temperature Range - Operating -40°C to +105°C

Electrical

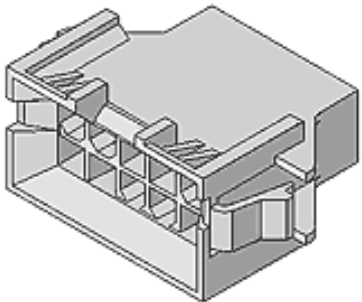
Current - Maximum per Contact 13A

Material Info

Old Part Number 42475-2411

Reference - Drawing Numbers

Packaging Specification PK-42474-001
Product Specification PS-5556-002, RPS-42385-001, RPS-42474-001, RPS-42475-001
Sales Drawing SD-42475-***1
Test Summary TS-5556-002



Series

image - Reference only

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

[42475Series](#)

Mates With

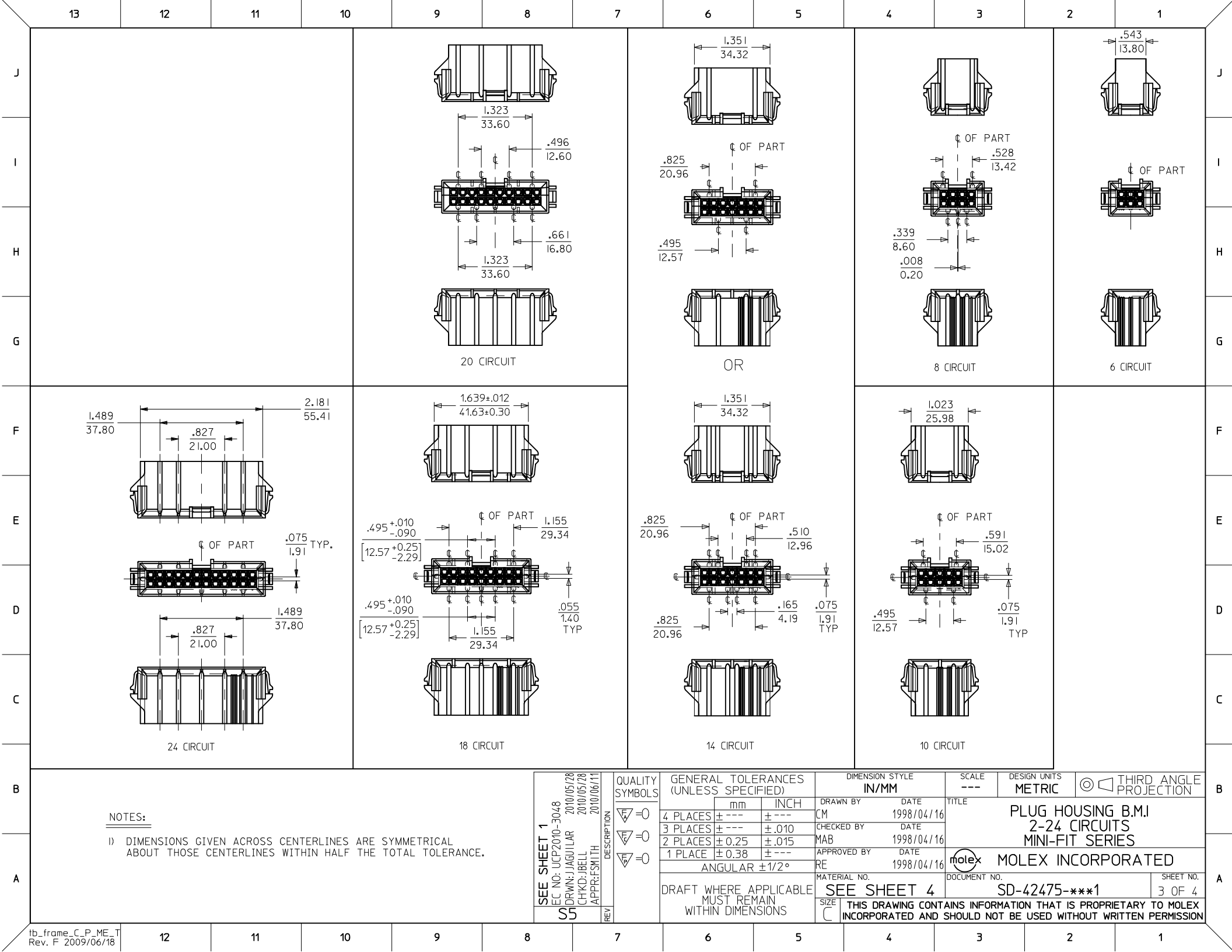
[15-06-0240](#) Mini-Fit BMI Panel Mount Receptacle, [42385](#) Mini-Fit BMI 24 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-2411](#) Mini-Fit BMI HCS Vertical Receptacle Header, [39-01-2240](#) Mini-Fit Jr. Receptacle, [44516-0009](#) Mini-Fit BMI Slide-N-Lock Panel Mount Receptacle

Use With

[46012](#) Mini-Fit Plus HCS™ Crimp Terminal, [5558](#) Mini-Fit™ Crimp Terminal

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13		12		11		10		9		8		7		6		5		4		3		2		1	
J	PART NUMBER	ENG. NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		NOT TOOLED	PART NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		MOUNTING EAR TYPE		42475-***2I, 5558-GS*		42474-***2I, 5556-PBGS*P		94V-0		PH0S. BRZ.	GOLD					
									CKT. SIZE	DESIGN A, DESIGN B (SEE SHEET I)															
	NOT TOOLED	42475-02II	2	I				42475-043I	4	3		2	N/A												
	I5-06-0045	42475-04II	4	↑				42475-063I	6	↑		4	B												
	I5-06-0065	42475-06II	6					42475-083I	8			6	B												
I	I5-06-0085	42475-08II	8				42475-103I	10			8	A									PH0S. BRZ.	GOLD			
	I5-06-0105	42475-10II	10				42475-123I	12			10	B													
	I5-06-0145	42475-14II	14				42475-143I	14			12	N/A													
	NOT TOOLED	42475-16II	16				42475-163I	16			14	B													
	I5-06-0185	42475-18II	18				42475-183I	18			16	N/A													
H	I5-06-0205	42475-20II	20				42475-203I	20			18	A & B									PH0S. BRZ.	GOLD			
	NOT TOOLED	42475-22II	22				42475-223I	22			20	A													
	I5-06-0245	42475-24II	24	I			42475-243I	24	3		22	N/A													
											24	B													
	NOT TOOLED	42475-022I	2	2			42475-044I	4	↑																
F	I5-06-0066	42475-062I	6				42475-064I	6													PH0S. BRZ.	TIN			
	50-36-2323	42475-082I	8				42475-084I	8																	
	I5-06-0106	42475-102I	10				42475-104I	10																	
	NOT TOOLED	42475-122I	12				42475-124I	12																	
	I5-06-0146	42475-142I	14				42475-144I	14																	
E	NOT TOOLED	42475-162I	16				42475-164I	16													PH0S. BRZ.	TIN			
	I5-06-0186	42475-182I	18				42475-184I	18																	
	I5-06-0206	42475-202I	20				42475-204I	20																	
	NOT TOOLED	42475-222I	22				42475-224I	22																	
	I5-06-0246	42475-242I	24	2			42475-244I	24	4																
D																									
C																									
B																									
A																									

LEGEND:

42475 - ** * I

BASE NUMBER

CIRCUIT SIZE

MATERIAL (SEE NOTE 1.)

ADD -0641

EC NO: UCP2010-3048

DRWN:JAGUILAR

CHKD:JBELL

APPR:FSMITH

2010/05/28

2010/05/28

2010/06/11

REV

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± ---

3 PLACES ± ---

2 PLACES ± 0.25

1 PLACE ± 0.38

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SIZE

C

SCALE ---

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-42475-***1

SHEET NO.

4 OF 4

12	11	10	9	8	7	6	5	4	3	2	1
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