

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0424751041

Status:

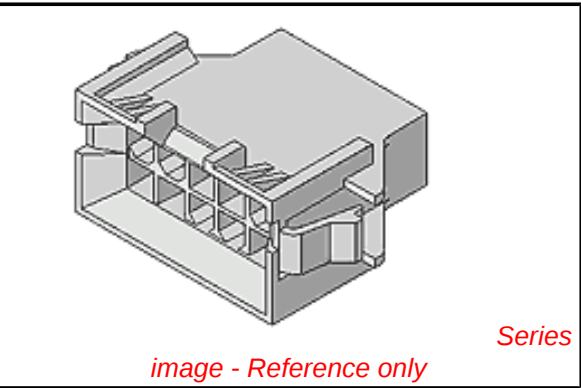
Active

Overview:

minifit_bmi

Description:

4.20mm (.165") Pitch Mini-Fit BMI™ Plug Housing, Dual Row With Panel Mount Ears, Black, UL 94V-0, 10 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

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)	10
Color - Resin	Natural
Gender	Male
Glow-Wire Compliant	No
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
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Electrical	
Current - Maximum per Contact	13A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-42474-001, PK-5557-003
Product Specification	PS-5556-002
Sales Drawing	SD-42475-***1
Test Summary	TS-5556-002

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

42475Series

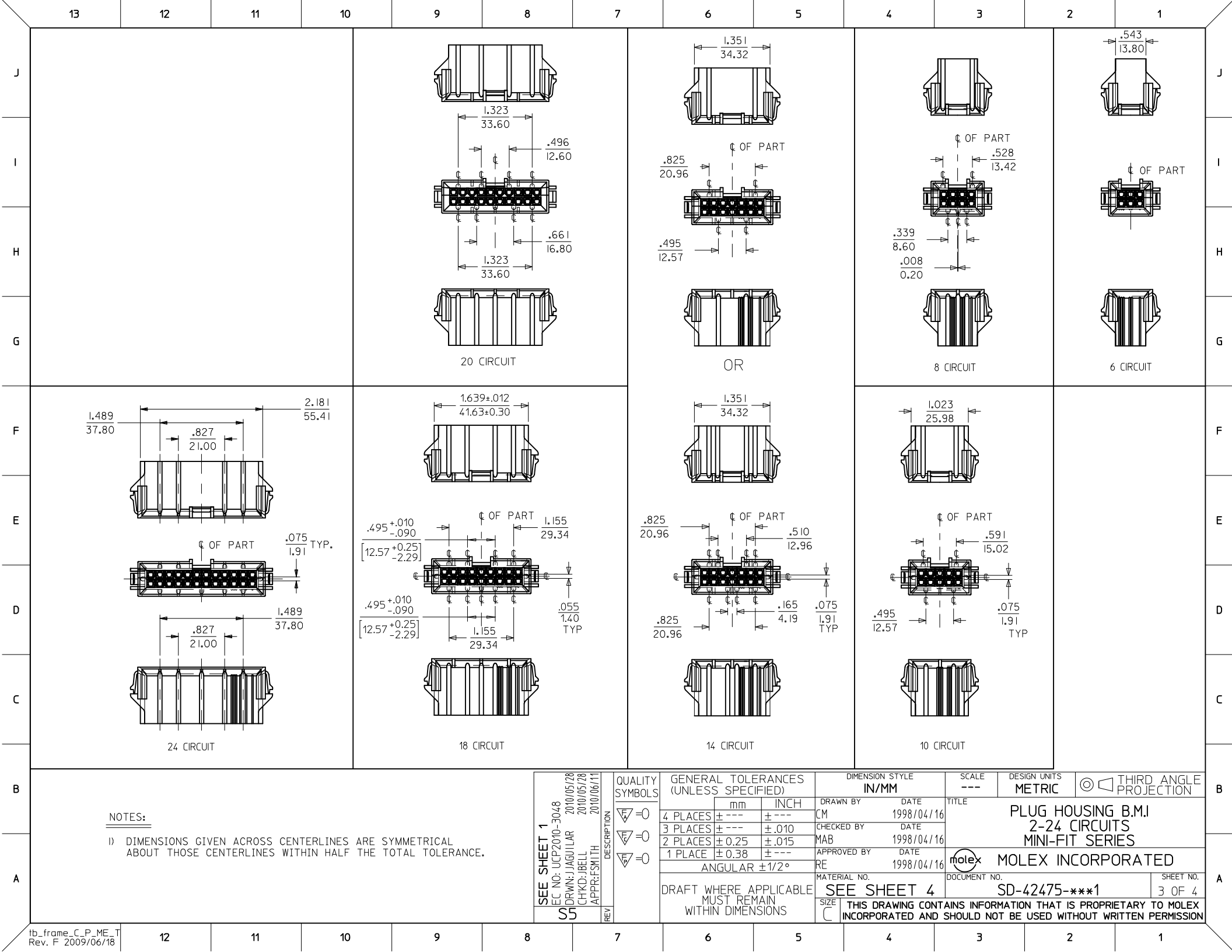
Mates With

44475 , 44516 , 42474 Receptacle Housing, 5557d Receptacle Housing, 42385 Receptacle Header

Use With

46012 Mini-Fit Plus HCS™ Crimp Terminal, 5558 Mini-Fit™ Crimp Terminal

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



13		12		11		10		9		8		7		6		5		4		3		2		1	
J	PART NUMBER	ENG. NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		PART NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		MOUNTING EAR TYPE		42475-**-21, 5558-GS*		42474-**-21, 5556-PBGS*P		94V-0		PHOS. BRZ.	GOLD						
	NOT TOOLED	42475-0211	2	1	2		3	2	N/A	4	B	42475-**-21, 5558-GS*	42474-**-21, 5556-GS*P	94V-0											
15-06-0045	42475-0411	4		42475-0431	4		4	B	42475-**-21, 5558-PBS*	42474-**-21, 5556-PBS*P	94V-0	PHOS. BRZ.	TIN												
15-06-0065	42475-0611	6		42475-0631	6		6	B	42475-**-21, 5558-S*	42474-**-21, 5556-S*P	94V-0			BRASS	TIN										
15-06-0085	42475-0811	8		42475-0831	8		8	A	42475-**-21, 5558-GS*	A-42385-**-D2	94V-0					PHOS. BRZ.	GOLD								
15-06-0105	42475-1011	10		42475-1031	10		10	B	42475-**-21, 5558-GS*	A-42385-**-B2	94V-0							BRASS	GOLD						
I	NOT TOOLED	42475-1211	12		NOT TOOLED	12		12	N/A	42475-**-21, 5558-PBS*	A-42385-**-C1	94V-0	PHOS. BRZ.							TIN					
	15-06-0145	42475-1411	14		42475-1431	14		14	B	42475-**-21, 5558-S*	A-42385-**-B1	94V-0		BRASS	TIN										
	NOT TOOLED	42475-1611	16		NOT TOOLED	16		16	N/A	42475-**-21, 5558-S*	A-42385-**-A1	94V-2				HSG. MAT'L.	TERM. MAT'L.				PLATING				
	15-06-0185	42475-1811	18		42475-1831	18		18	A & B	PLUG HOUSING/ MALE TERMINAL		MATING CONNECTOR						MATING CONNECTOR FEATURES							
	15-06-0205	42475-2011	20		42475-2031	20		20	A																
H	NOT TOOLED	42475-2211	22		NOT TOOLED	22		22	N/A																
	15-06-0245	42475-2411	24	1	42475-2431	24	3	24	B																
	NOT TOOLED	42475-0221	2	2	NOT TOOLED	2	4																		
	15-06-0046	42475-0421	4		42475-0441	4																			
F	15-06-0066	42475-0621	6		42475-0641	6																			
	50-36-2323	42475-0821	8		42475-0841	8																			
	15-06-0106	42475-1021	10		42475-1041	10																			
	NOT TOOLED	42475-1221	12		NOT TOOLED	12																			
	15-06-0146	42475-1421	14		42475-1441	14																			
E	NOT TOOLED	42475-1621	16		NOT TOOLED	16																			
	15-06-0186	42475-1821	18		42475-1841	18																			
	15-06-0206	42475-2021	20		42475-2041	20																			
	NOT TOOLED	42475-2221	22		NOT TOOLED	22																			
	15-06-0246	42475-2421	24	2	42475-2441	24	4																		
D	LEGEND: 42475 - ** * 1 BASE NUMBER CIRCUIT SIZE MATERIAL (SEE NOTE 1.)																								
C																									
B																									
A																									

ADD -0641

EC NO: UCP2010-3048

DRWN:JAGUILAR

CHKD:JBELL

APPR:FSMITH

REV

DESCRIPTION

2010/05/28

2010/05/28

2010/06/11

REV

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .010

2 PLACES ± 0.25 ± .015

1 PLACE ± 0.38 ± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

GEP 1989/07/18

CHECKED BY

DATE

RJF 1989/07/18

APPROVED BY

DATE

RAS 1989/07/18

MATERIAL NO.

DOCUMENT NO.

SEE CHART SD-42475-***1

SIZE

C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

PLUG HOUSING B.M.I.

2-24 CIRCUITS.

MINI-FIT SERIES

MOLEX

MOLEX INCORPORATED

SHEET NO.

4 OF 4

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