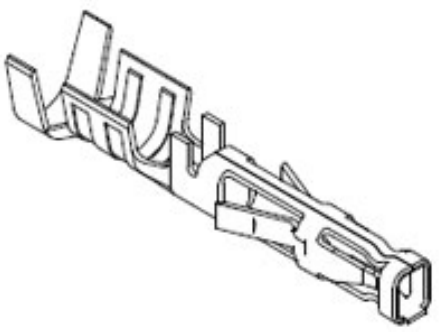
Part Number: 0462355002
Status: Active
Overview: Micro-Fit, 3.0™
Description: Micro-Fit 3.0™ High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with .0.76µm (30µ") Selective Gold (Au) over Nickel (Ni), 20-24 AWG, with Lubricant

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-46235-001 (PDF)



Series image - Reference only

General

Product Family	Crimp Terminals
Series	46235
Comments	90% increase in mating cycles (250 cycles) and up to 50% reduction in mating force
Crimp Quality Equipment	Yes
Overview	Micro-Fit, 3.0™
Product Name	Micro-Fit 3.0™

Physical

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper-Zinc-Tin
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Packaging Type	Reel
Plating min: Mating (µin)	0.76
Plating min: Mating (µm)	30
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm (.073") max.
Wire Size AWG	20, 22, 24
Wire Size mm²	N/A

Electrical

Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46235-001
Product Specification	PS-46235-001
Sales Drawing	SD-46235-001
Test Summary	TS-46235-001, TS-46235-501

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

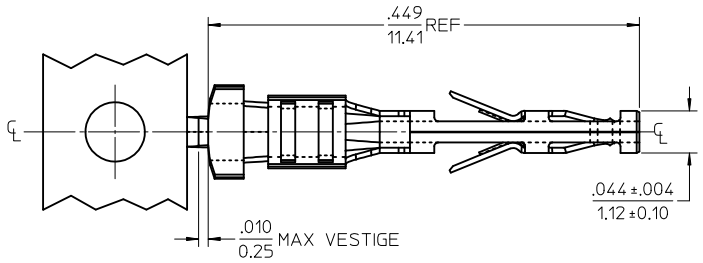
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

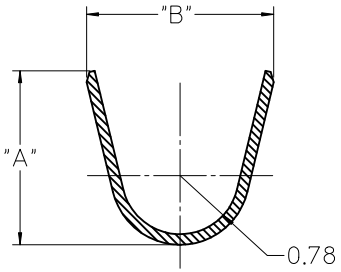
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
46235Series

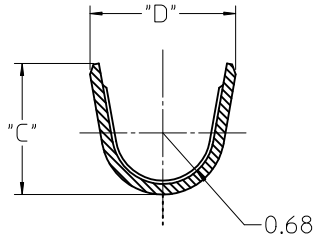
Use With
Micro-Fit 3.0™ Receptacle Housing 43025 , 43645 , 44133

MATERIAL NUMBER	WIRE SIZE	PLATING OPTION	LUBRICATION	MAX INSULATION	"A" ±.012 ±0.30	"B" ±.012 ±0.30	"C" ±.012 ±0.30	"D" ±.012 ±0.30
46235-0001	20-24	1	NO	.073 / 1.85	.091 / 2.30	.098 / 2.48	.068 / 1.73	.073 / 1.93
46235-0002		2						
46235-0003	26-30	1		.050 / 1.27	.075 / 1.90	.090 / 2.29	.048 / 1.22	.069 / 1.75
46235-0004		2						
46235-5001	20-24	1	YES	.073 / 1.85	.091 / 2.30	.098 / 2.48	.068 / 1.73	.073 / 1.93
46235-5002		2						
46235-5003	26-30	1		.050 / 1.27	.075 / 1.90	.090 / 2.29	.048 / 1.22	.069 / 1.75
46235-5004		2						

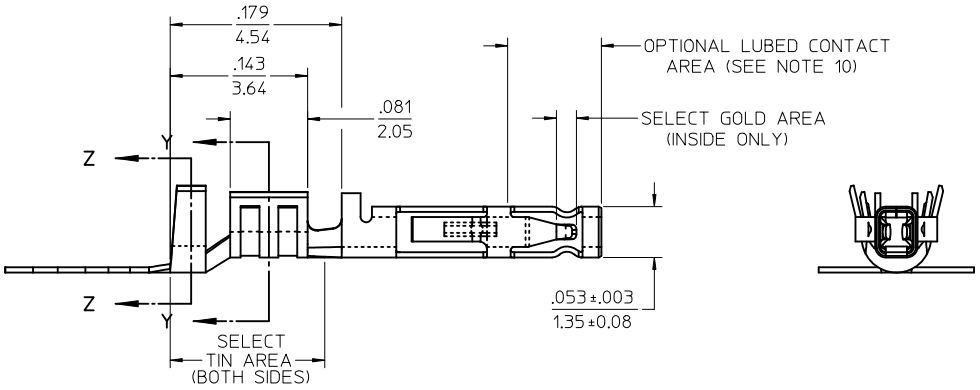


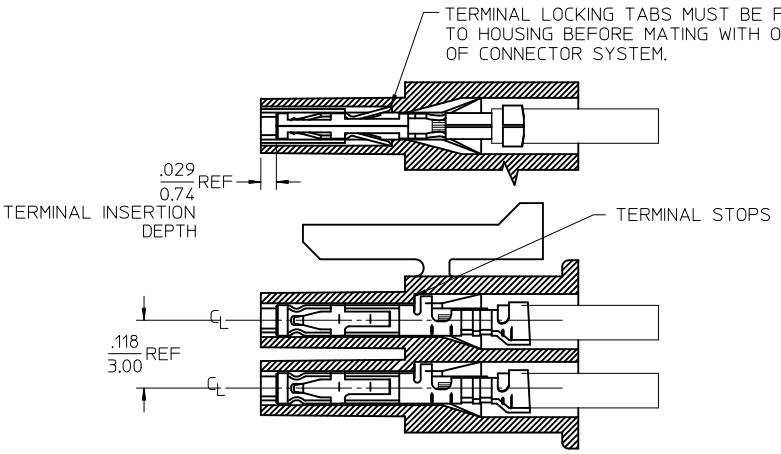


SECTION Z-Z
SCALE 20:1



SECTION Y-Y
SCALE 20:1





NOTES
1) MATERIAL: COPPER ALLOY
2) TERMINAL PLATING:
   1.) .000015/0.00038 MIN. SELECT GOLD .000100/0.00254 MIN. SELET TIN ALL OVER .000050/0.00127 MIN. NICKEL OVERALL.
   2.) .000030/0.00076 MIN. SELECT GOLD .000100/0.00254 MIN. SELET TIN ALL OVER .000050/0.00127 MIN. NICKEL OVERALL.
3) PRODUCT SPECIFICATION: PS-46235-001
4) PACKAGING SPECIFICATION: PK-46235-001
5) TERMINAL FOR USE IN RECEPTACLE SERIES 43025, 43645 AND 44133.
6) FOR TERMINAL ORIENTATION IN RECEPTACLE SEE PICTORIAL IN LOWER LEFT CORNER
7) THIS TERMINAL IS DESIGNED IN METRIC
8) MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 43020, 43045, 43640, 43650, OR 43031) FOR HARNESS TESTING PURPOSES
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
10) MOLEX PROPRIETARY CONTACT LUBRICATION EB-1 IS APPLIED IN THE CONTACT AREA AS SHOWN. SEE CHART FOR APPLICABLE PART NUMBERS.

MAT'L DESCRIPTION
EC NO: UCP2010-0092 2010/01/15
DRWN:SSOUSEK 2010/01/19
CH'KD:MKIPPER 2010/01/19
APPR:FSMITH 2010/01/19
DESCRIPTION
C1
REV

QUALITY SYMBOLS
▼=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	TGREGORI	2007/02/05
CHECKED BY	JCOMERCI	2007/03/19
APPROVED BY	JCOMERCI	2007/03/19

TITLE: MICRO-FIT (3.0) FEMALE CRIMP TERMINAL LOW MATE FORCE
MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-46235-001
SHEET NO.: 1 OF 1
SIZE: C

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