

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0433752001

Status:

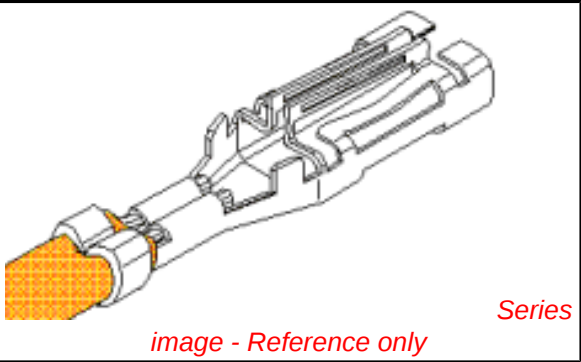
Active

Overview:

[sabre](#)

Description:

Sabre™ Crimp Terminal, Female, with Tin (Sn) Plated Brass Contact, Double 18-20 AWG, 2.85mm (.112") Max. Insulation Diameter, Reel Packaged



Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	43375
Crimp Quality Equipment	Yes
Overview	sabre
Product Literature Order No	USA-113
Product Name	Sabre™
Physical	
Durability (mating cycles max)	25
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	20
Plating min: Mating (µm)	0.50
Plating min: Termination (µin)	20
Plating min: Termination (µm)	0.50
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.30mm (.130") max.
Wire Size AWG	18, 20
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers	
Sales Drawing	SD-43375-301

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

43375Series

Mates With

43178 Male Crimp Terminals

Use With

44441 Receptacle Housings

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

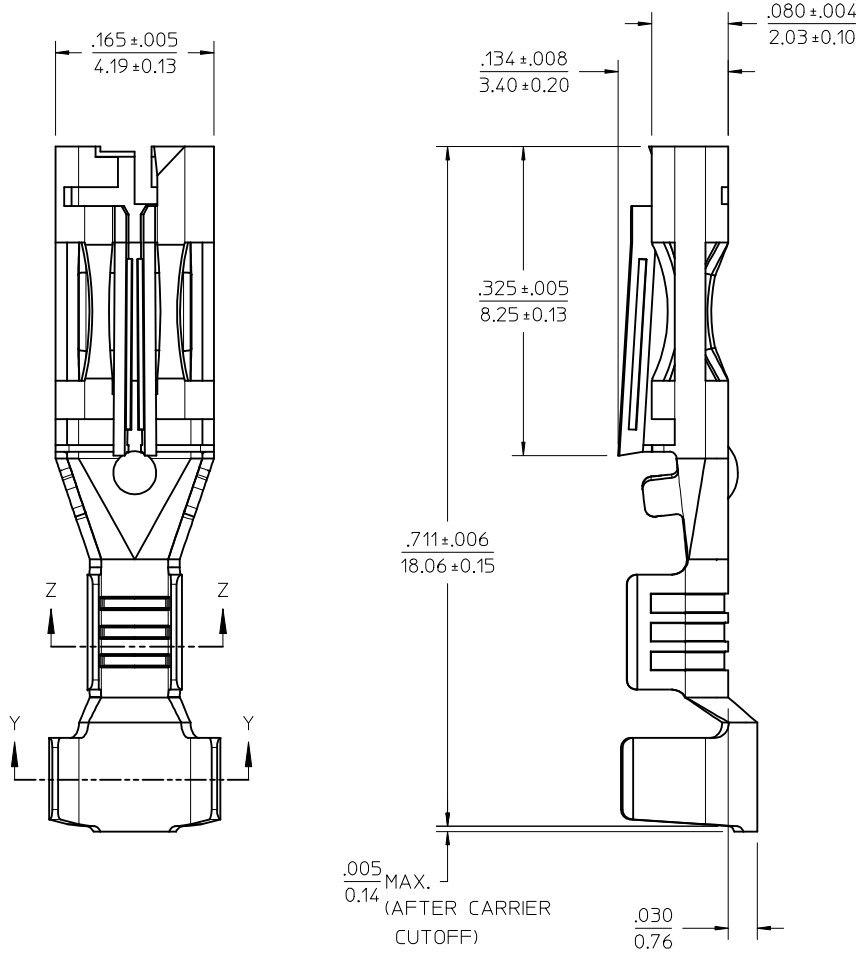
Global

Description	Product #
Extraction Tool	0638132700
FineAdjust™	0639012500
Applicator for Sabre™ Flat Blade Crimp Terminal, 18-20 AWG, UL 1007 wires	

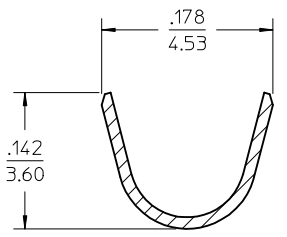
FineAdjust™ Applicator for Sabre™ Flat Blade Crimp Terminal, 18-20 AWG, UL 1015 wires	<u>0639012600</u>
T2 Terminator for Sabre™ Flat Blade Crimp Terminals, 18-20 AWG, UL1007 wires	<u>0639112500</u>
T2 Terminator for Sabre™ Flat Blade Crimp Terminals, 18-20 AWG, UL1015 wires	<u>0639112600</u>

This document was generated on 05/19/2010

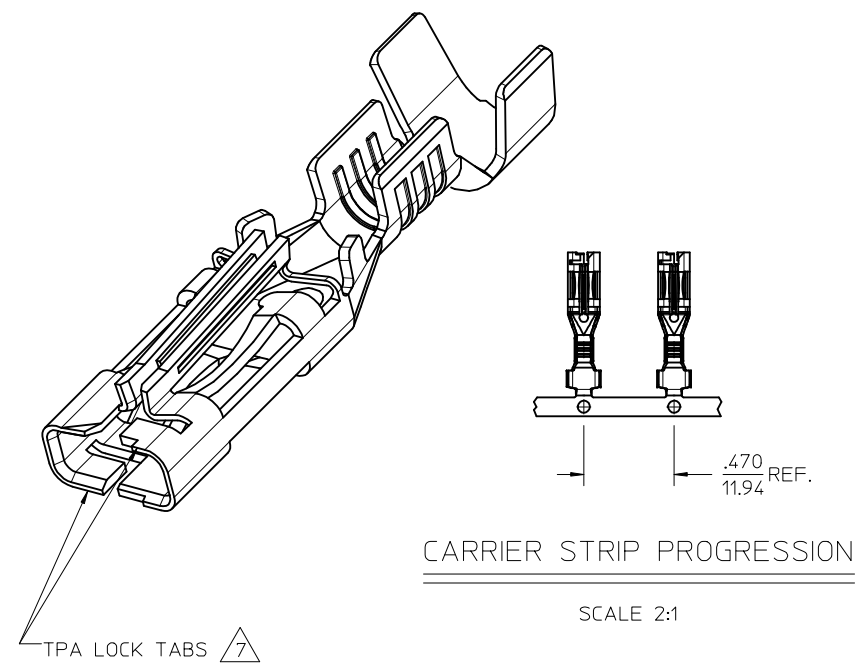
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SECTION Z-Z
CONDUCTOR CRIMP



SECTION Y-Y
INSULATION CRIMP



CARRIER STRIP PROGRESSION
SCALE 2:1

- NOTES:
1. MATERIAL: BRASS
 2. FINISH: 20 MICRINCH / (0.5 MICROMETER) MIN. HOT TIN DIP OVERALL.
 3. PRODUCT SPECIFICATION: PS-44441-001
 4. PACKAGING: TERMINALS WOUND ON 24" REELS WITH PAPER INTERLEAF.
QTY: 4000/REEL
 5. THIS TERMINAL INTENDED FOR 18-20 AWG STRANDED WIRE; UL STYLE 1007 OR 1015, .112/(2.84) MAX. DIAMETER INSULATION.
 6. TERMINAL MATES TO .125/(3.18) WIDE x .020/(0.51) THICK FLAT BLADE TERMINALS. MATING CRIMP TERMINAL: 43178 SERIES.
 7. TERMINAL HAS TPA (TOTAL POSITIONING ASSURANCE) OPTIONAL ACTIVATION FEATURE, THAT WHEN ACTIVATED AND USED WITH MOLEX "SABRE" SERIES RECEPTACLE HOUSINGS, PROVIDES SECONDARY LOCK SYSTEM WHICH ENSURES AGAINST TERMINAL BACKOUTS.

RELEASE TO PROD. EC NO: UCP2009-1607 2009/04/20 DRWN:BWIRKUS 2009/04/21 CHKD:BWIRKUS 2009/04/22 APPR:BWIRKUS	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 10:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY BWIRKUS	DATE 12-18-2008	TITLE TERMINAL, FEM. 18-20 AWG .125/(3.18) WIDE, W/TPA FOR UL 1007 OR 1015 WIRE MOLEX INCORPORATED	
				4 PLACES	± ---	± ---	CHECKED BY BWIRKUS	DATE 12-18-2008		
				3 PLACES	± ---	± .010	APPROVED BY APATEL	DATE 12-18-2008		
				2 PLACES	± 0.25	± .014				
		1 PLACE	± 0.35	± ---						
				ANGULAR ±1/2°		MATERIAL NO. 433752001		DOCUMENT NO. SD-43375-301		SHEET NO. 1 OF 1
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		