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Part Number:

0433753001

Status:

Active

Overview:

sabre

Description:

Sabre™ Crimp Terminal, Female, with Tin (Sn) Plated Brass Contact, Double 18-20 AWG, 4.57mm (.180") 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-43375-311

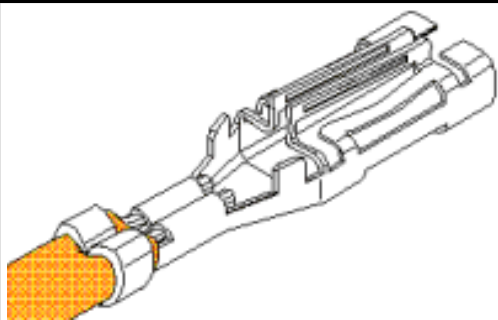


image - Reference only

Series

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

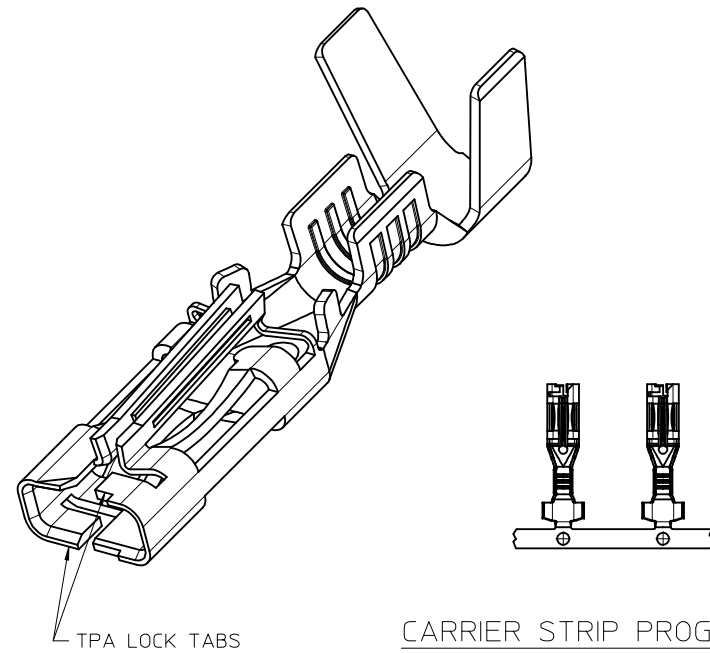
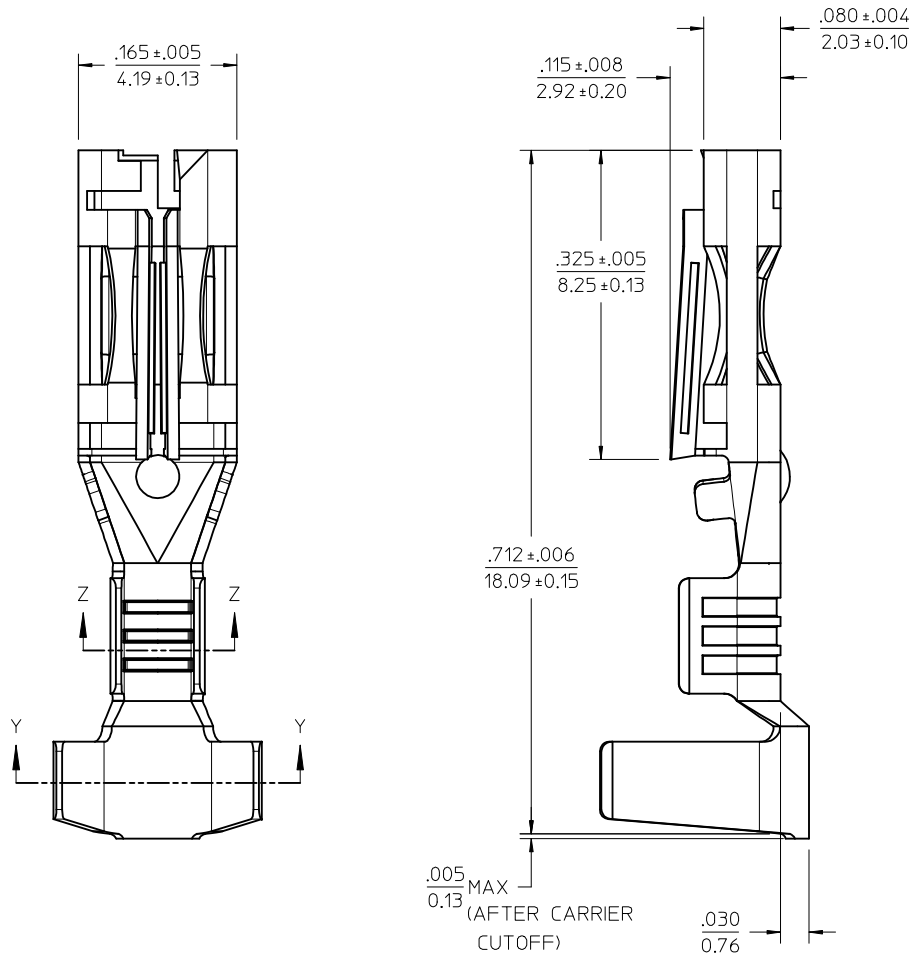
Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
FineAdjust™ Applicator for Sabre™ Flat Blade Crimp Terminal, 18-20 AWG, UL 1015 wires	0639012700
FineAdjust™ Applicator for	0639012800

Sabre™ Flat Blade
Crimp Terminal,
18-20 AWG, UL1056
and SPT 3-wires
T2 Terminator for 0639112700
Sabre™ Flat Blade
Crimp Terminals,
18-20 AWG, UL1015
wires
T2 Terminator for 0639112800
Sabre™ Flat Blade
Crimp Terminals,
18-20 AWG, UL1056
and SPT-3 wires

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CARRIER STRIP PROGRESSION

SCALE 2:1

NOTES:

1. MATERIAL: BRASS
2. FINISH: 20 MICROINCH / (0.5 MICROMETER) MIN. HOT TIN DIP OVERALL.
3. PRODUCT SPECIFICATION: PS-44441-001.
4. PACKAGING: TERMINALS WOUND ON 24" REELS WITH PAPER INTERLEAF.
5. THIS TERMINAL FOR USE WITH 18-20 AWG STRANDED WIRE, UL STYLE 1015, 1056 OR SPT-3 WIRE, .180/4.57 MAXIMUM INSULATION DIAMETER.
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.

SECTION Z-Z
CONDUCTOR CRIMP

SECTION Y-Y
INSULATION CRIMP

ENTER DESCRIPTION EC NO: UCP2009-1607 DRAWN: BWIRKUS 2009/04/20 CHKD: BWIRKUS 2009/04/21 APPR: BWIRKUS 2009/04/22	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 4-17-2009	TITLE TERMINAL, FEM, 18-20 AWG .125/(3.18) WIDE, W/TPA UL 1015, 1056 OR SPT-3		
			4 PLACES	± ---	± ---	CHECKED BY BWIRKUS	DATE 4-17-2009			
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± .014	APPROVED BY APATEL	DATE 4-20-2009			molex MOLEX INCORPORATED
			1 PLACE	± 0.35	± ---					
ANGULAR ±1/2°			MATERIAL NO. 433753001		DOCUMENT NO. SD-43375-311		SHEET NO. 1 OF 1			
A	REV	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					