

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5023070112

Status:

Active

Overview:

[ctx_crimp_terminals](#)

Description:

CTX150 Female Terminal, Tin (Sn), 18-20 AWG D-Wind, Left Payoff, Grip Code M

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	502307
Crimp Quality Equipment	Yes
Overview	ctx_crimp_terminals
Product Name	CTX150
Physical	
Durability (mating cycles max)	10
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.80mm
Wire Size AWG	18, 20
Wire Size mm²	0.75-1.00
Electrical	
Current - Maximum per Contact	15A
Voltage - Maximum	250V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-31301-053

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

502307Series

Application Tooling | FAQ

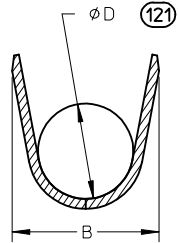
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

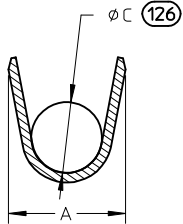
Description	Product #
Extraction Tool for CTX150 Receptacle Crimp Terminal	0638134400
Hand Crimp Tool for CTX 1.50mm Receptacle Terminal, 0.75, 0.85, 1.00 and 1.25mm2	0638194000
FineAdjust™ Applicator for CTX150 Receptacle Terminals, .75mm, .85mm, 1.00mm & 1.25mm	0639010500

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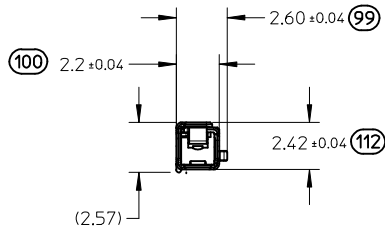
10 9 8 7 6 5 4 3 2 1



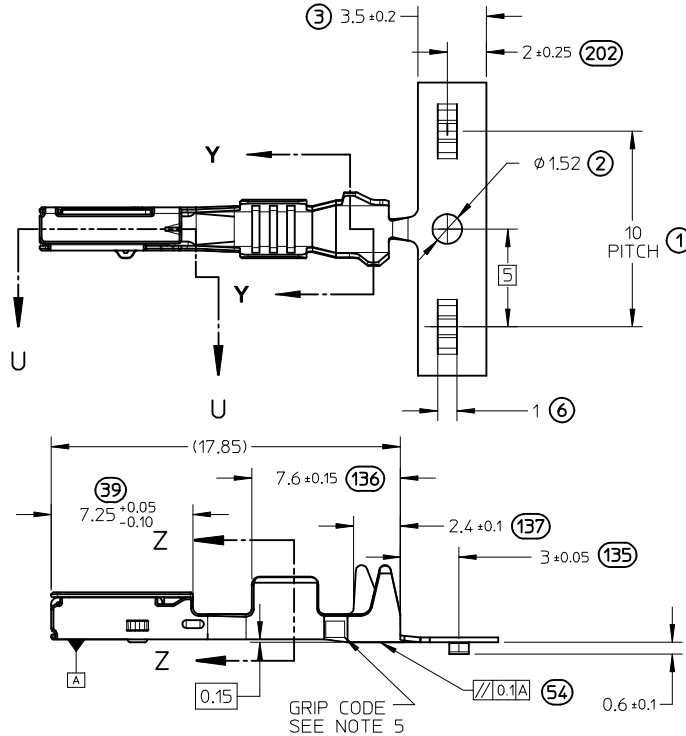
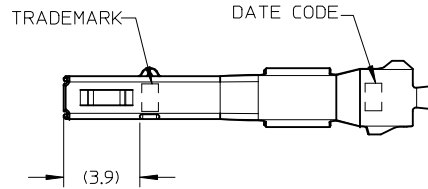
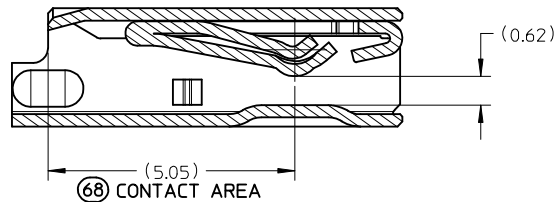
SECTION Y-Y
SCALE 8:1
INSULATION GRIP



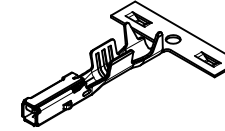
SECTION Z-Z
Scale 8:1



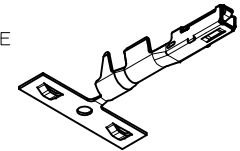
SECTION U-U
SCALE 10:1



PART NUMBERS		GRIP CODE	WIRE GAUGE			PLATING	DIM A ±0.2	DIM B ±0.3	DIM ØC ±0.1	DIM ØD ±0.1
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)		ISO mm2	JASO mm2	SAE gauge					
502307-0111	502307-0211	S	0.35-0.50	0.30-0.50	22	TIN (Sn)	2	2.6	1	1.54
502307-0112	502307-0212	M	0.75-1.00	0.85-1.25	20/18		2.6	3.2	1.5	1.98
502307-0113	502307-0213	L	1.50-2.00	1.25-2.00	16/14		3.1	3.9	1.8	2.44

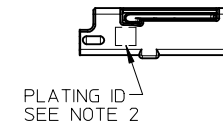


ISO VIEWS
NOT TO SCALE



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: COPPER ALLOY (Sn PREPLATED)
2. PLATING MARK: TIN (Sn) - NO MARK
3. PACKAGING PER PK-31301-053
4. CRIMPING PER CS-502307-001
5. PROBING DOWN THROAT OF TERMINAL NOT ALLOWED



ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UAU2010-0062		=0		mm INCH		MM ONLY		1:1		METRIC		THIRD ANGLE PROJECTION	
DRAWN BY K.FERGUSON		=0		4 PLACES ± --- ± ---		DRAWN BY K.FERGUSON		DATE 10/25/2008		TITLE CTX150 FEMALE TERMINAL			
CHKD.D. NI CHOLAS				3 PLACES ± 0.08 ± ---		CHECKED BY D.NICHOLAS		DATE 10/25/2008					
APPR:BMOSER				2 PLACES ± 0.08 ± ---		APPROVED BY B.MOSER		DATE 10/22/2008					
				1 PLACE ± 0.08 ± ---		MATERIAL NO.		DOCUMENT NO.					
				ANGULAR ± 1 °		SEE TABLE		SD-502307-001					
						SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1