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Part Number: [0901190110](#)
Status: **Active**
Overview: [cgrid_iii](#)
Description: C-Grid III™ Crimp Terminal, 22-24 AWG, Reel, 0.38µm (15µ") Selective Gold (Au)

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	90119
Comments	Left-hand feed
Crimp Quality Equipment	Yes
Overview	cgrid_iii
Product Name	C-Grid III™
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.02-1.47mm (.040-.058")
Wire Size AWG	22, 24
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers	
Sales Drawing	SD-90119

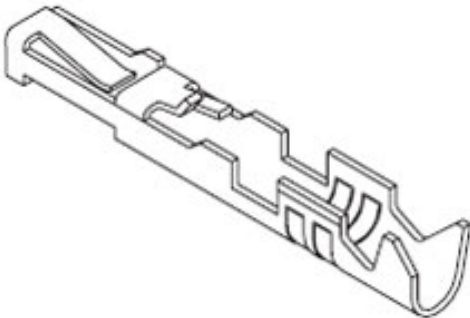


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

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.

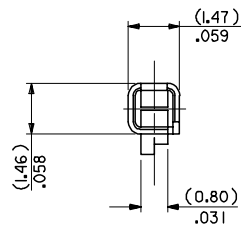
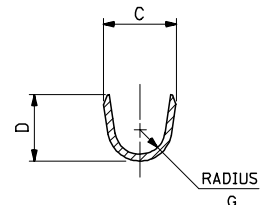
Search Parts in this Series
[90119Series](#)

Use With
C-Grid III™ Modular Crimp Housing [90156](#) ,
[90123](#) , [90142](#) , [90143](#) , [90160](#)

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 #
C-Grid Insertion Tool	0690080140
Extraction Aid	0690080003
Hand Crimp Tool	0638190200
T2 Terminator Die	0638514100
FineAdjust™	0638614100
Applicator	

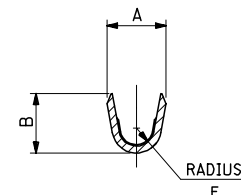
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SECTION X-X



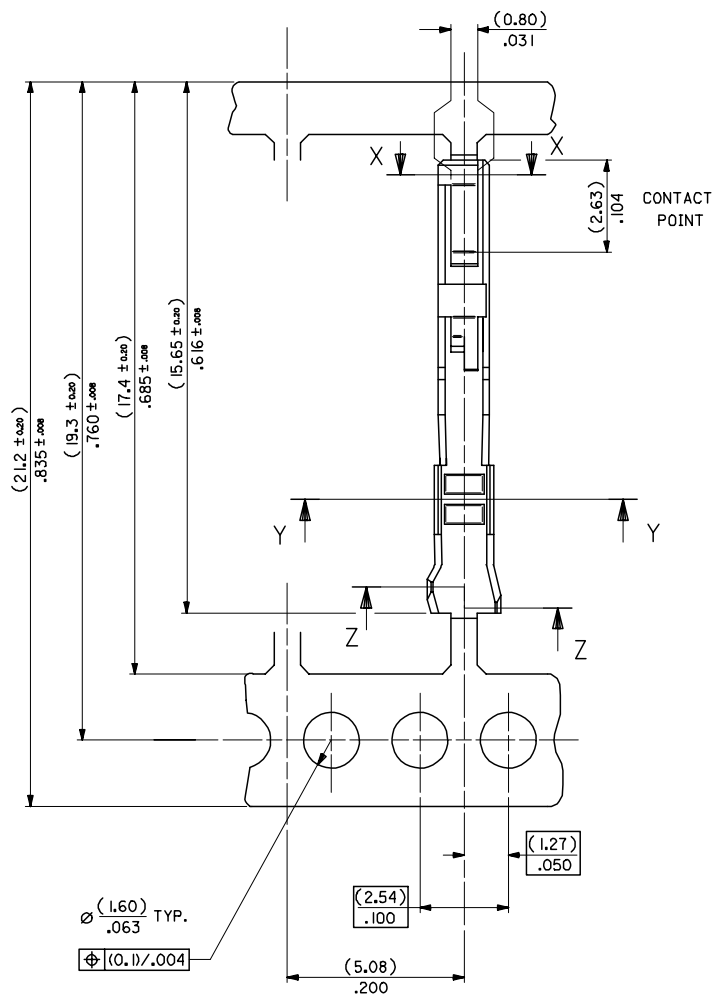
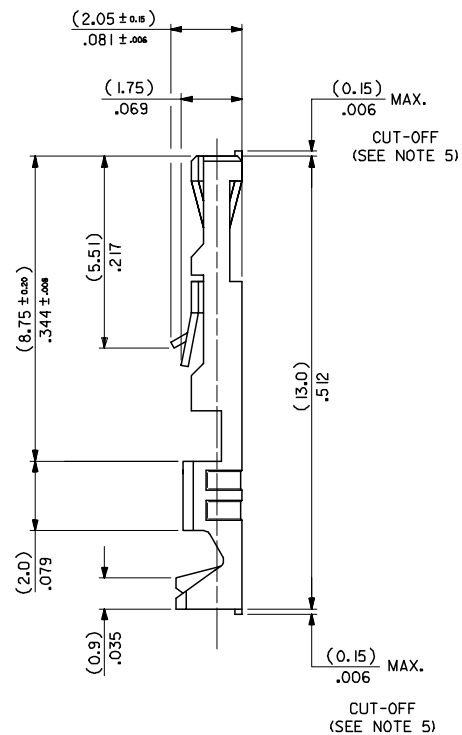
SECTION Z-Z

INSULATION BARREL



SECTION Y-Y

WIRE BARREL



NOTES:

1. MATERIAL -
PHOSPHOR BRONZE CDA 521
THICKNESS: (0.200) ± .008
TENSILE STRENGTH: 655-760 N/mm²
PLATING - SEE SHEET 2
2. FOR DIMENSIONS A, B, C, D, F & G
SEE SHEET 2
3. FOR WIRE SIZE & INSULATION DIA
SEE SHEET 2
4. THIS TERMINAL TO MATE WITH
(0.635) ± .025 SQUARE PIN
5. MAX BURR AFTER CUT-OFF
(0.025) ± .001

REMOVED LEAD REF. EC NO: E2006-0155 DRAWN: JDENNEHY 2005/08/29 CHKD: DMORIARTY 2005/08/29 APPR: JDENNEHY 2005/09/05	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY NPC	DATE 1987/08/27	TITLE C-GRID III FEMALE CRIMP TERMINAL				
			4 PLACES	± ---	± ---	CHECKED BY D.MORIARTY	DATE 2005/08/26	MOLEX INCORPORATED				
			3 PLACES	± ---	± .004	APPROVED BY JDENNEHY	DATE 2005/08/26	DOCUMENT NO. SD-90119				
			2 PLACES	± 0.1	± .008	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			1 PLACE	± 0.2	± ---							
			ANGULAR ± 5 °									

