

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0357303110

Status:

Active

Description:

3.96mm (.156") Diameter Pin Terminal, Brass, 0.40mm (.016") Thickness, Wire Range 14-20 AWG (2.00-0.52mm²), Tin Plated

Documents:

Drawing (PDF)

Product Specification PS-35730-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	35730
Crimp Quality Equipment	Yes
Product Name	N/A
Physical	
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	30
Plating min: Termination (µm)	1
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.50mm (.138") max.
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-35730-001
Sales Drawing	SD-35730-031, SD-35730-31*0

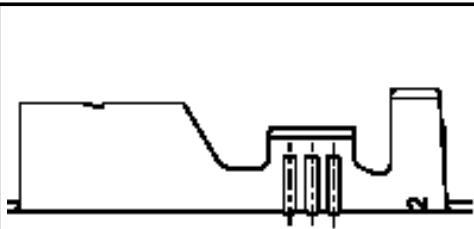


image - Reference only

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
35730Series

Mates With
35730-30*0

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DWG. NO.
SD-35730-031

SIMILAR ITEM

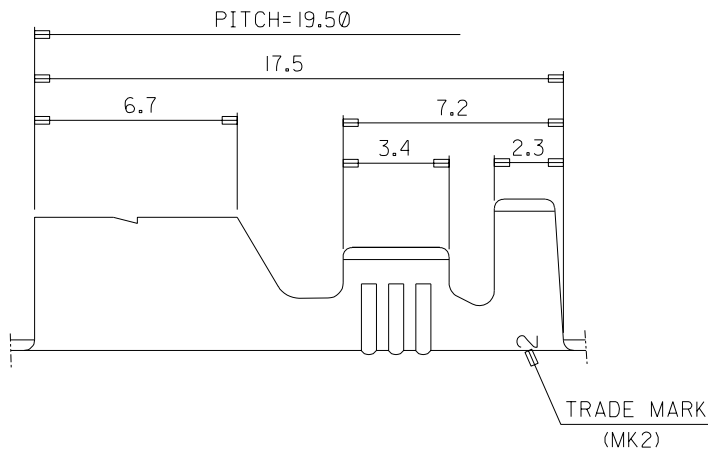
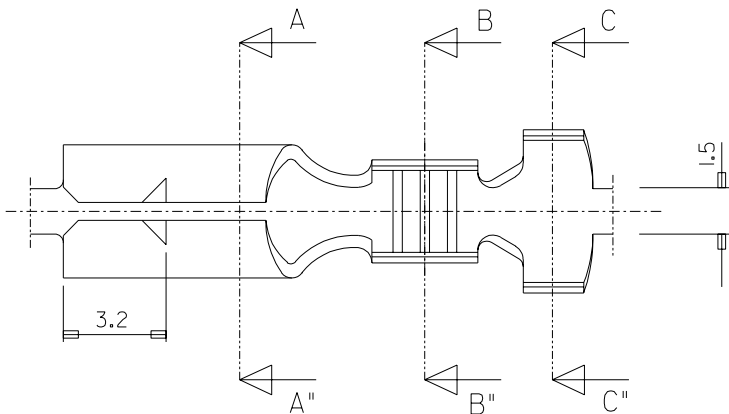
PROJECT NO.

C

B

DO NOT SCALE DRAWING
DIMENSION IN METRIC

LEAD FREE

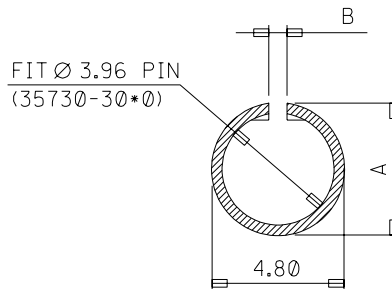


- NOTES
- MAT'L : BRASS, 0.4mm THICKNESS
 - FINISH & TENSION

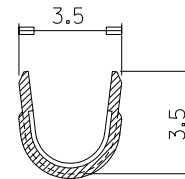
ENG.NO.	DIMENSION		FINISH (OVERALL)	TENSION (FORCE, Kgf)	
	A	B		1ST INSERTION	6TH WITHDRAWAL
35730-3100	4.50	0.70	UNPLATED	5.0Kgf MAX.	2.5Kgf MIN.
35730-3130	4.60	0.90	FLASH Au PLATED	4.5Kgf MAX.	1.5Kgf MIN.
35730-3110			TIN PLATED	5.0Kgf MAX.	2.5Kgf MIN.
35730-3160			TIN PLATED	5.0Kgf MAX.	2.5Kgf MIN.

LEAD FREE

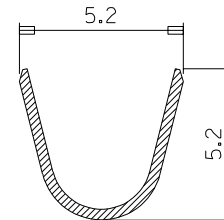
- MATES WITH : 35730-30*0
- APPLICABLE WIRE RANGE : AWG #20-#14



SEC':A-A"



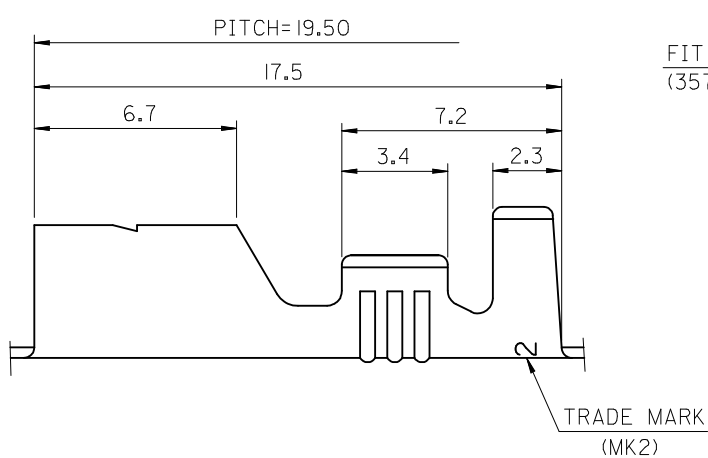
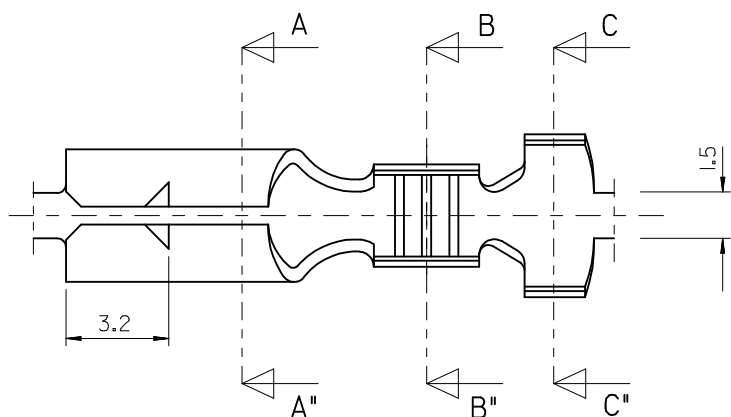
SEC':B-B"



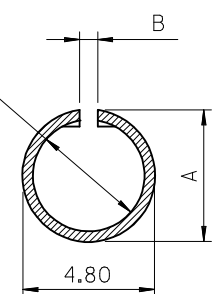
SEC':C-C"

REVISED EC NO. KOR2005-0026 DRWN: D.Y.JANG 04/09/30 CHK: W.Y.YANG APPR: C.W.LEE	DESCRIPTION	QUALITY SYMBOLS MAJOR ▽ = 0 CRITICAL ▽C = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY		
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	±0. ±0. ±0.20 ±0.30	±. ±. ±. ±.	DRAWN BY & DATE J.S.KANG 93/06/15		TITLE: 3.96mm DIA. PIN RECEPTACLE TERMINAL -LEAD FREE-			
				CHECKED BY & DATE B.K.CHOI 93/06/15							
				APPROVED BY & DATE C.W.LEE 93/06/15		 MOLEX INCORPORATED					
				CAD FILENAME S7303100.DGN					MATERIAL NO. SEE CHART	DRAWING NO. SD-35730-031	SHEET NO. 10F1
A	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B

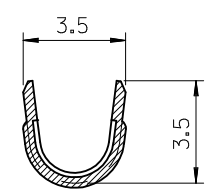
MX-A3



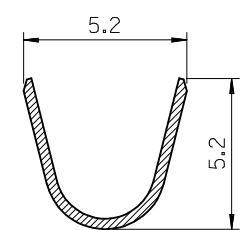
FIT $\varnothing$ 3.96 PIN
(35730-30*0)



SEC':A-A"



SEC':B-B"



SEC':C-C"

ENG.NO.	DIMENSION	
	A	B
35730-3100	4.50	0.70
35730-3110	4.60	0.90

TABLE1

NOTES

1. MATERIAL : BRASS
2. FINISH : 35730-3100 : UNPLATED
 @ 35730-3110 : TIN PLATED
 1.0 μ m MIN. TIN PLATING
 OVERALL 0.3~0.8 μ m COPPER PLATING
3. PRODUCT SPECIFICATION : PS-35730-001
4. MATES WITH : 35730-30*0
5. APPLICABLE WIRE RANGE : AWG #20~#14

REV	DESCRIPTION
1	REVISED
2	EC NO: KOR2009-0115
3	DRWN: JHPARK01 2009/01/29
4	CHKD: WY. YANG 2009/01/29
5	APPR: YUNSIKKIM 2009/01/29

QUALITY SYMBOLS
$\nabla = 0$
$\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm$ 0.20	$\pm$ ---
1 PLACE	$\pm$ 0.30	$\pm$ ---
ANGULAR $\pm$ ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JS. KANG	1993/06/15
CHECKED BY	DATE
BK. CHOI	1993/06/15
APPROVED BY	DATE
CW. LEE	1993/06/15
MATERIAL NO.	
SIZE	
A3	

SCALE 6:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE			
3.96 PIN RECEPTACLE			
MOLEX INCORPORATED			
DOCUMENT NO. SD-35730-31*0			
		SHEET NO. 1 OF 01	
ALL INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			