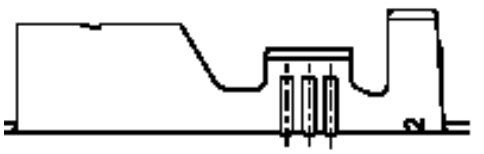
This document was generated on 04/15/2010

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



Series image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-35730-001 (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

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

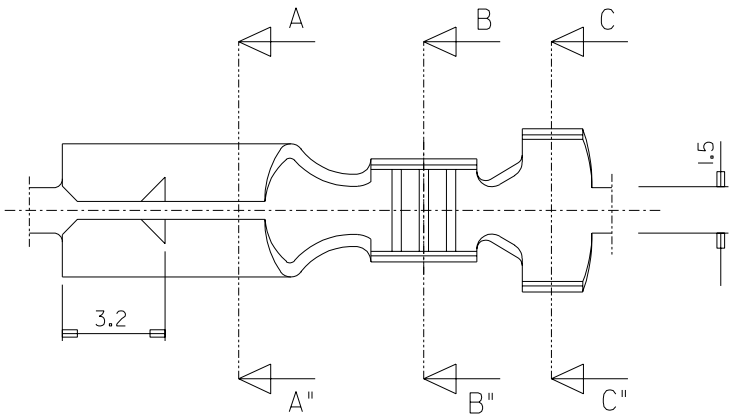
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
35730Series

Mates With
35730-30*0

This document was generated on 04/15/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

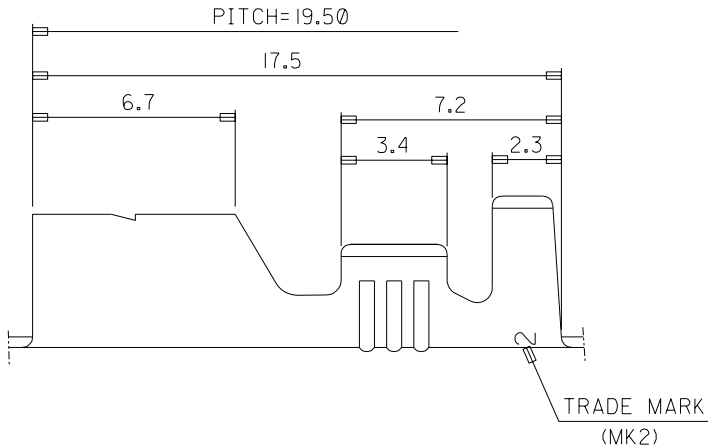


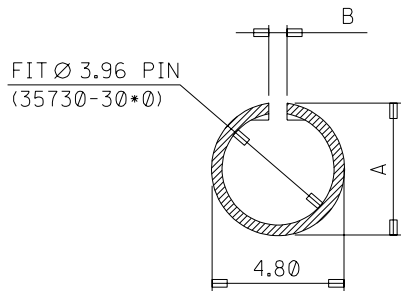
NOTES

1. MAT'L : BRASS, 0.4mm THICKNESS
2. FINISH & TENSION

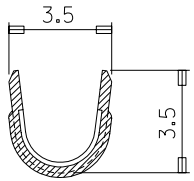
	ENG.NO.	DIMENSION A	DIMENSION B	FINISH (OVERALL)	TENSION (FORCE, Kgf) IST INSERTION	TENSION (FORCE, Kgf) 6TH WITHDRAWAL
	35730-3100	4.50	0.70	UNPLATED	5.0Kgf MAX.	2.5Kgf MIN.
	35730-3130	4.60	0.90	FLASH Au PLATED	4.5Kgf MAX.	1.5Kgf MIN.
	35730-3110			TIN PLATED	5.0Kgf MAX.	2.5Kgf MIN.
LEAD FREE	35730-3160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

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

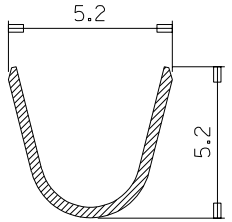




SEC':A-A"



SEC':B-B"



SEC':C-C"

DWG. NO. SD-35730-031

SIMILAR ITEM

PROJECT NO.

DO NOT SCALE DRAWING
DIMENSION IN METRIC

LEAD FREE

REVISED
EC NO. KOR2005-0026
DRWN: D.Y.JANG 04/09/30
CH'K: W.Y.YANG
APPR: C.W.LEE

DESCRIPTION

REV A

QUALITY SYMBOLS
MAJOR ▼ = 0
CRITICAL (C) = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.20	±.
1 PLACE	±0.30	±.
ANGULAR: ± °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 6:1

DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY

SHT REV

REVISE ON CAD ONLY

DRAWN BY & DATE J.S.KANG 93/06/15

CHECKED BY & DATE B.K.CHOI 93/06/15

APPROVED BY & DATE C.W.LEE 93/06/15

TITLE:
3.96mm DIA. PIN
RECEPTACLE TERMINAL -LEAD FREE-

molex MOLEX INCORPORATED

CAD FILENAME S7303100.DGN

MATERIAL NO. SEE CHART

DRAWING NO. SD-35730-031

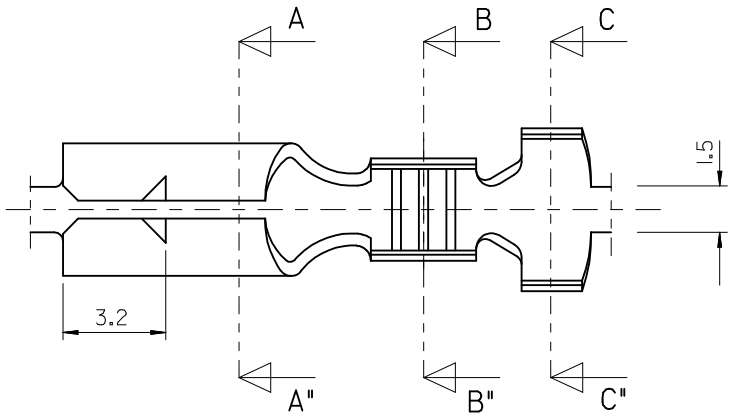
SHEET NO. 1OF 1

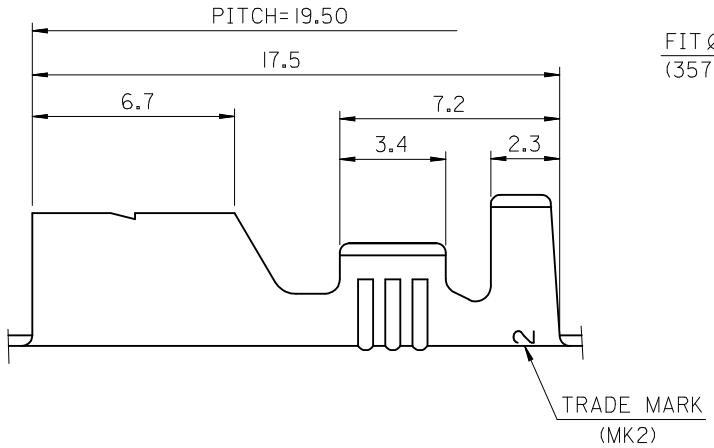
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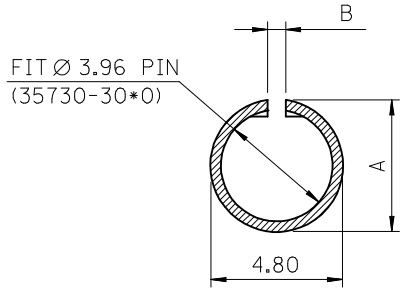
SIZE B

MX-A3

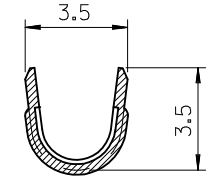
NOTES
1. MATERIAL : BRASS
2. FINISH : 35730-3100 : UNPLATED
   ⓓ35730-3110 : TIN PLATED
   1.0 μm MIN. TIN PLATING
   OVERALL 0.3~0.8μm COPPER PLATING
3. PRODUCT SPECIFICATION : PS-35730-001
4. MATES WITH : 35730-30*0
5. APPLICABLE WIRE RANGE : AWG #20~#14



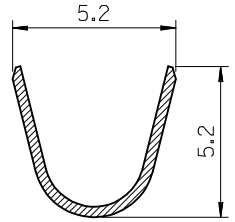




SEC':A-A"



SEC':B-B"



SEC':C-C"

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

TABLE1

REVISED
EC NO: KOR2009-0115 2009/01/29
DRWN:JHPARK01 2009/01/29
CH'KD:WY.YANG
APPR:YUNSIKKIM 2009/01/29
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.30	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 6:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	JS.KANG	1993/06/15
CHECKED BY	BK.CHOI	1993/06/15
APPROVED BY	CW.LEE	1993/06/15

TITLE: 3.96 PIN RECEPTACLE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE NOTES
DOCUMENT NO.: SD-35730-31*0
SHEET NO.: 1 OF 01

SIZE A3

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