

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0872180603](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Standard Power Supply, Vertical, Circuit 5 Polarizing Key Removed, with Plastic PCB Locator, 6 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [87218](#)
 Application Wire-to-Board
 Product Name N/A

Physical

Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 6
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part Yes
 Lock to Mating Part None
 Mated Height (in) 0.570 In
 Mated Height (mm) 14.48 mm
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Number of Rows 1
 Orientation Vertical
 PC Tail Length (in) 0.153 In
 PC Tail Length (mm) 3.89 mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Bag
 Pitch - Mating Interface (in) 0.156 In
 Pitch - Mating Interface (mm) 3.96 mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Partial
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
 Voltage - Maximum 250V

Material Info

EU RoHS

Not 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

[87218Series](#)

This document was generated on 04/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

ENG. NO SDA-87218-06**

EDP NO.

SIMILAR ITEM

CAD FILE : S8721806

DO NOT SCALE DRAWING

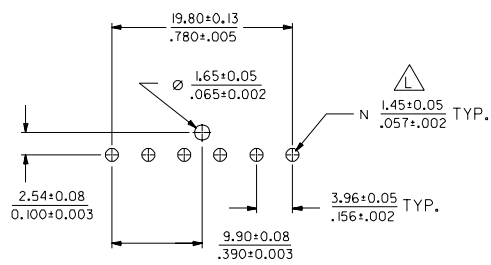
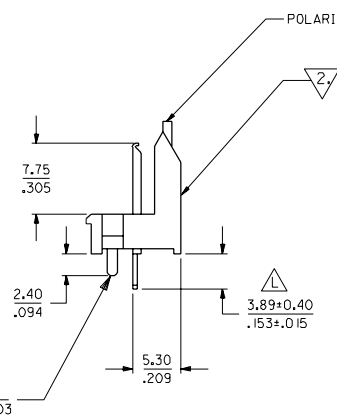
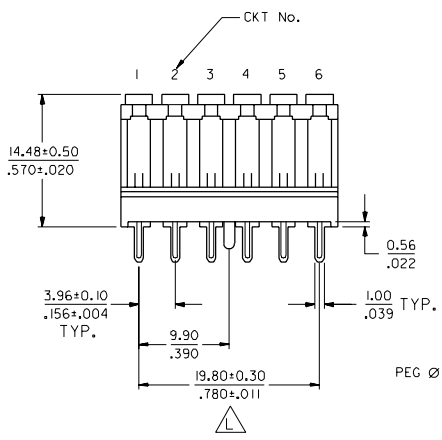
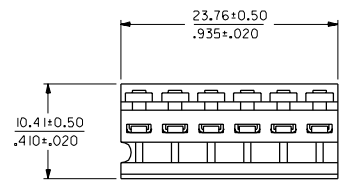
NOTES :

- 1. MATERIAL :
HOUSING - NYLON 66 THERMO PLASTIC, 94V-0
TERMINAL - CARTRIDGE BRASS
PLATING - PRE-PLATED TIN ALLOY

2. MARK "P8.....P9" ON BACKWALL, TO BE AS LARGE AS POSSIBLE

3. THE VOID OPTION IS FOR THE POLARIZATION KEY

4. PART NO. LEGEND : 87218 - 0 6 * *



RECOMMENDED PC BOARD LAYOUT

- 0 - WITH MARKING
 - 1 - WITHOUT MARKING
 - 2 - WITH CKT#4 VOID AND WITHOUT MARKING
 - 3 - WITH CKT#5 VOID AND WITHOUT MARKING
 - 4 - WITH CKT#2 VOID AND WITHOUT MARKING
 - 5 - WITH CKT#3 VOID AND WITHOUT MARKING
 - 6 - WITH CKT#3 AND CKT#5 VOID AND WITHOUT MARKING
 - 7 - WITH CKT#1 VOID AND WITHOUT MARKING
-
- 0 - WITH PEG
 - 1 - WITHOUT PEG

MM
INCH

L	ADDED OPTION 7, WITH CKT#1 VOID AND WITHOUT MARKING	12000-0024	EMILY	00/03/30	MATERIAL : FINISH : WIRE RANGE : INS. RANGE :	MOLEX TAIWAN LTD. SHEET 1 OF 1	
K	CHANGE DIM FROM 3.89±0.30 TO 3.89±0.40						
J	ADD OPTION VOID #3CKT & #5 CKT without marking	T1899-0144	EMILY	98/11/26			
I	Add Option(Void #3ckt)	T97-411	G.Wang	970520			
H	PER EWR GC95-039		A.LIN	950621			
G	ADD VOID OPTION, TA95-063		R.YANG	950301			
F	PER ECN TA94-072		WILSON	940427			
E	PER ECN TA93-217		JOHANSON	931019	ENG. NO. : SDA-87218-06**		
D	PER TA93-020		EMILY	930209	REV L		
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY 890831 T A Y	CHK'D BY	TITLE : STD POWER SUPPLY HEADER
REVISE ONLY ON CAD SYSTEM					APPR'D BY	SCALE 2 : 1	