

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0870492486](#)
Status: **Active**
Overview: milligrid
Description: 2.00mm (.079") Pitch Milli-Grid™ Header, Right Angle, 24 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [87049](#)
 Application Wire-to-Board
 Overview [milligrid](#)
 Product Name Milli-Grid™

Physical

Breakaway No
 Circuits (Loaded) 24
 Circuits (maximum) 24
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Plating Mating Gold
 Number of Rows 2
 Orientation Right Angle
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tube
 Pitch - Mating Interface (in) 0.079 In
 Pitch - Mating Interface (mm) 2.00 mm
 Pitch - Term. Interface (in) 0.079 In
 Pitch - Term. Interface (mm) 2.00 mm
 Shrouded No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2A
 Voltage - Maximum 500V

Material Info

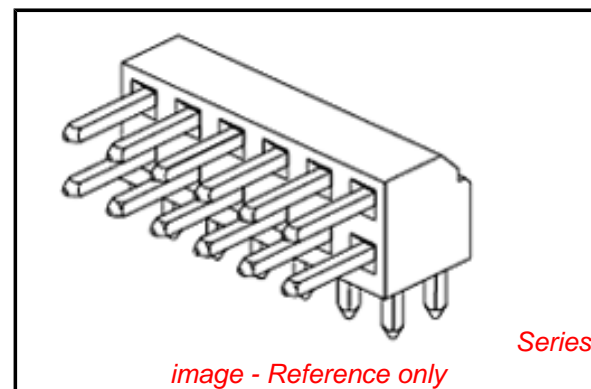


image - Reference only

EU RoHS

Not RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

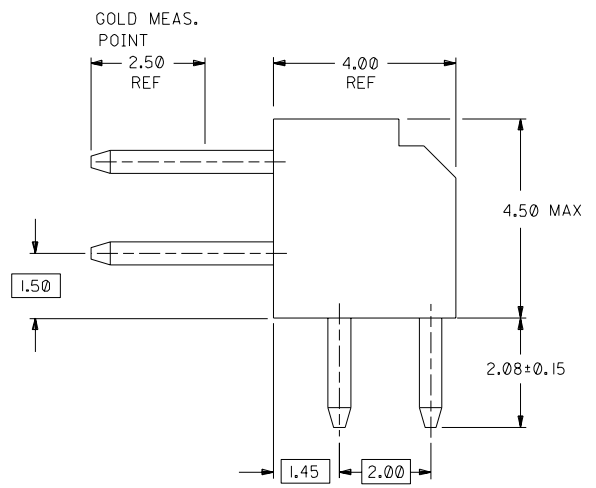
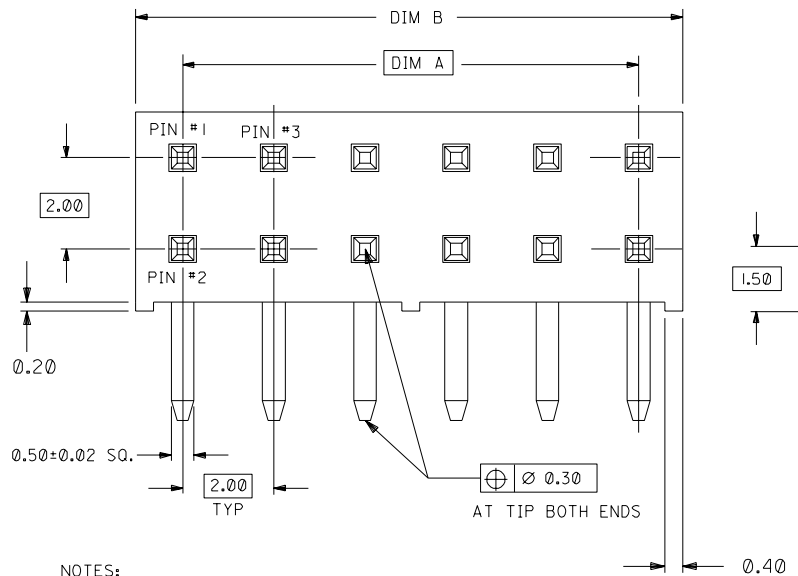
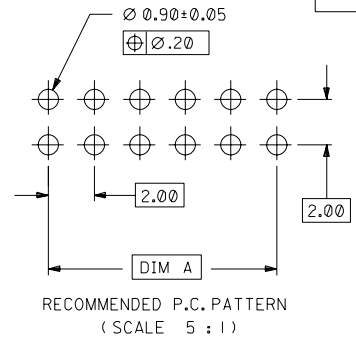
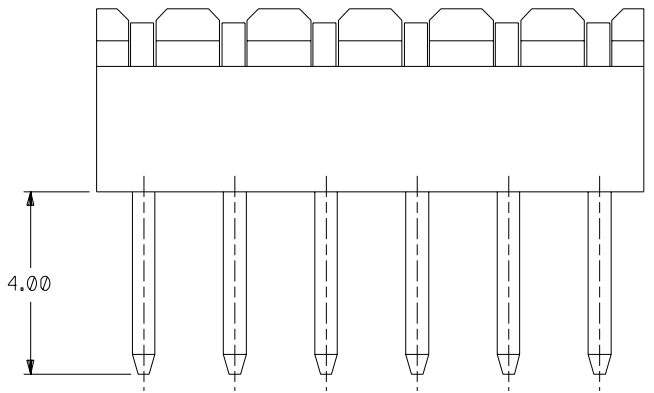
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[87049Series](#)

CAD FILE S8704986.DGN
 DWG. NO. SD_87049-2486

PART NUMBER	CKT SIZE	VOID PIN#.	DIM A	DIM B
87049-2486	24	16,23,24	22.00	24.00



- NOTES:
- 1) 12 CKT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
 - 2) PLATING FINISH :
 0.76µm/30u" MIN. GOLD IN SELECTED AREA
 1.90µm/75u" MIN. TIN/LEAD IN SOLDER TAIL AREA
 BOTH OVER 1.27µm/50u" MIN. NICKEL OVERALL
 - 3) PRODUCT SPECIFICATION PS-87049 APPLIES.
 - 4) RECOMMENDED PC BOARD THICKNESS IS 1.60 ± 0.10mm.

mm

DO NOT SCALE DRAWING

				MATERIAL :		MOLEX SINGAPORE	
				HOUSING: 30% G.F. PCT, 94V-0		PTE LTD	
				COLOR - BLACK		SHEET OF	
				PIN: 0.50mm SQ. PHOSPHOR BRONZE 510		GENERAL TOLERANCES ± 0.20/008	
				FINISH :		REV A	
				SEE NOTE 2		DWC. NO.:	
						SD 87049-2486	
A	RTT.	S30376	LINE	930111	DRAWN BY		TITLE :
LTR	REVISION RECORD	ECN	DR	CHK	DATE	930111	930111
REVISE ONLY ON CAD SYSTEM				APPR'D BY		SCALE	
				ROY WONG		10 : 1	
						"MILLI-GRID"	
						2mm DUAL ROW	
						RIGHT ANGLE HEADER	