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Part Number: 0877603816

Status: Active Overview: milligrid

2.00mm (.079") Pitch Milli-Grid™ Header, Right Angle, Through Hole, 38 Circuits, **Description:**

0.38µm (15µ") Gold (Au) Selective Plating, Tray, Lead-free

Documents:

Product Specification PS-87761-100 (PDF) 3D Model Drawing (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

LR19980 CSA UI F29179

General

Product Family PCB Headers Series 87760

Board-to-Board, Wire-to-Board Application Comments Lead-free version of 87049 series

Overview milligrid Milli-Grid™ **Product Name**

Physical

Breakaway No Circuits (Loaded) 38 Circuits (maximum) 38 Color - Resin Black First Mate / Last Break Nο Flammability 94V-0 Glow-Wire Compliant No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part None Mated Height (in) 0.157 In Mated Height (mm) 4.00 mm Material - Metal Phosphor Bronze

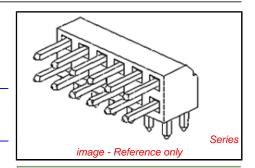
Material - Plating Mating Gold

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Number of Rows

Orientation Right Angle PC Tail Length (in) 0.102 ln PC Tail Length (mm) 2.60 mm PCB Locator No **PCB** Retention None PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tray 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 Plating min: Mating (µin) 15 Plating min: Mating (µm) 0.38 Plating min: Termination (µin) 76.4 Plating min: Termination (µm) 1.91



China RoHS

EU RoHS ELV and RoHS Compliant

REACH SVHC Not Reviewed Halogen-Free

Status Not Reviewed

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

87760 Series

Mates With

79107 Milli-Grid™ Receptacle, Vertical, Through Hole. 79108 Milli-Grid™ Flex-to-Board, Vertical Receptacle. Milli-Grid™ Receptacle, Surface Mount. 79109. 87381

Polarized to Mating Part No Polarized to PCB No Shrouded No Stackable Yes Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -55°C to +105°C Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2A 125V Voltage - Maximum

Solder Process Data

Duration at Max. Process Temperature (seconds)

Wave Capable (TH only)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature Process Temperature max. C 265

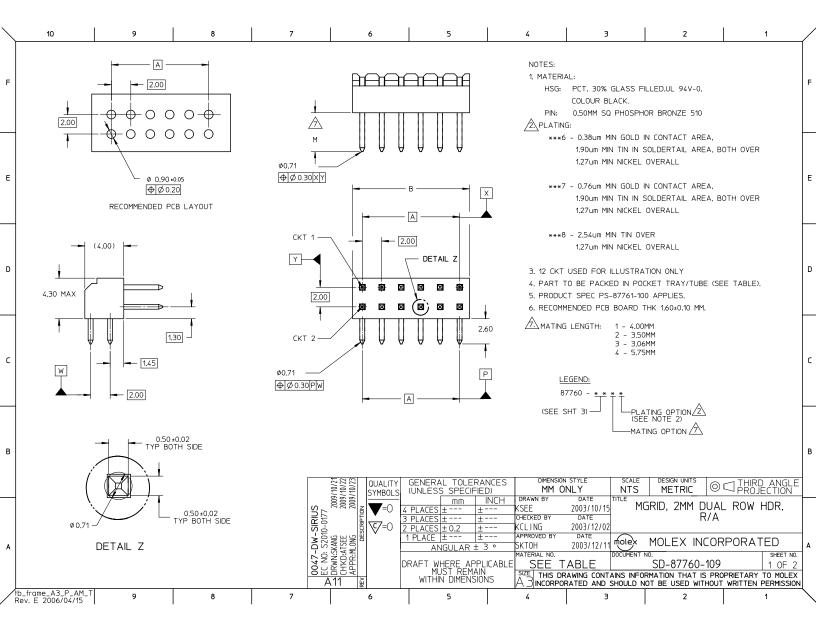
Material Info

Reference - Drawing Numbers

Product Specification PS-87761-100 Sales Drawing SD-87760-109

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F :	PART NUMBER	VOID PIN LOCATION	CKT SIZE	A	В	М	PACI	KAGING TYPE									
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	87760-06**	-	06	4.00	6.00												F
	87760-08**	=	08	6.00	8.00												
	87760-10**	-	10	8.00	10.00												
-	87760-12**	-	12	10.00	12.00												$\overline{}$
E	87760-14**	-	14	12.00	14.00												
	87760-16**	-	16	14.00	16.00												
	87760-18**	-	18	16.00	18.00							П	i				E
	87760-20**	-	20	18.00	20.00												
	87760-22**	=	22	20.00	22.00					$\parallel \; \; \; \; \; \; \; \; \; \; \; \; \; \; \; \; \; \; \;$							
	87760-24**	-	24	22.00	24.00							Ľ					_
C	87760-26**	-	26	24.00	26.00	REFER TO NOTE		TRAY				PART	IN TUBE				
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	87760-46**	-	46	44.00	46.00												
В	87760-48**	-	48	46.00	48.00												_
	87760-50**	-	50	48.00	50.00												
	87760-5116	5, 6 & 26	50	48.00	50.00												
	87760-5248	_	28	26.00	28.00			TUBE									В
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