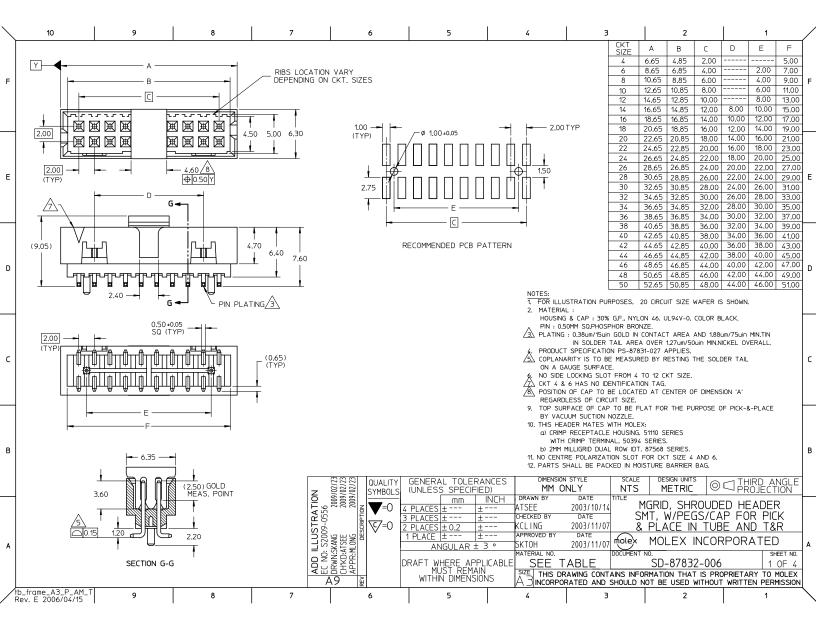


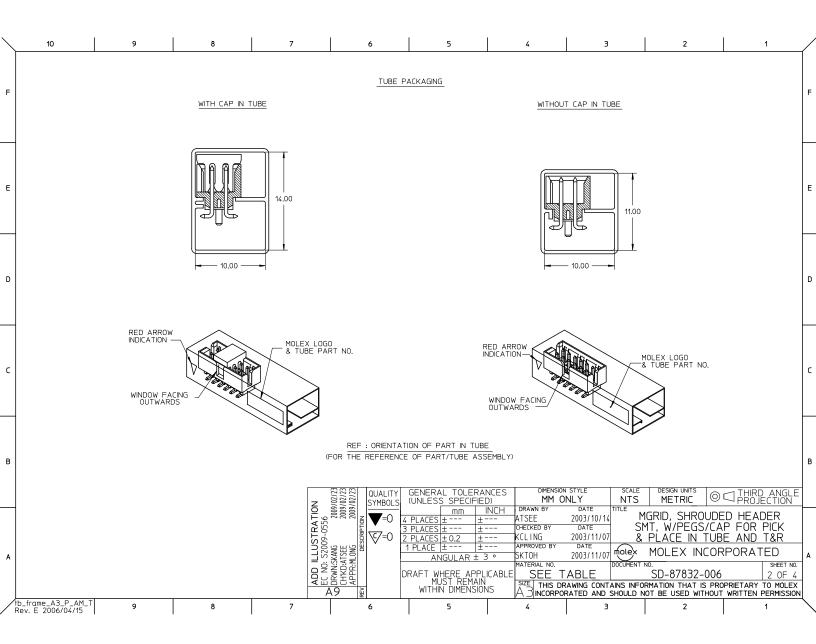
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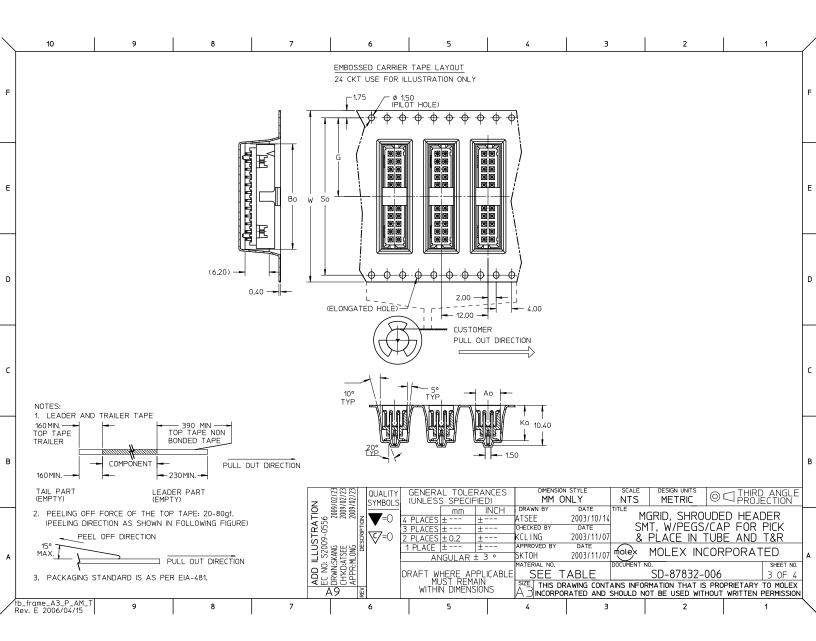
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Status: Active Overview: milligrid Description: 2.00mm (079") Pitch Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-free, 22 Circuits, 0.38µm (15µ") Gold (Au) Plating, with Locking Windows and Centre Polarization Slot, PCB Locator, Tube Documents: 30 Model Product Specification PS-87831-027 (PDF) Drawing (PDF) RoHS Certificate of Compliance (PDF) Agency Certification CSA LR19980 UL E29179 China RoHS General Product Family PCB Headers Product Family PCB Headers Strasz Series 37832 No Application Will-Grid™ Mill-Grid™ Product Name Mill-Grid™ No Toduct family grid PCB Headers Breakaway No Mill-Grid™ No Toduct family grid PCB Headers Breakaway No Contact Molex for application in automotive industry The More information on product environmental compliance? Email productcompliance @molex.com Physical Breakaway No Za Compliance @molex.com Email productcompliance @molex.com Circuits (Loaded) 22 Za Za <th></th>	
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Circuits (maximum) 22	
Color - Resin Please visit the Contact Us section for a	any
First Mate / Last Break No non-product compliance questions.	
Flammability 94V-0	
Glow-Wire Compliant No	
Guide to Mating Part No Search Parts in this Series	
Material - Metal Phosphor Bronze	
Material - Plating MatingGoldMates WithMaterial - Plating TerminationTin50394 Wire-to-Board Terminals. 5111	10
Material - Plating Termination Time Sossa Wire-to-Board Terminats. <u>5111</u> Material - Resin Wire-to-Board Crimp Housing. <u>87568</u>	
Number of Rows 2 to-Board IDT Housings. 79107 Board	
Orientation Vertical Board Top Entry Through Hole Recep	
PCB Locator Yes <u>79108</u> Board-to-Board FFC/FPC Top	
PCB Retention None Through Hole Receptacle. L	
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	
Plating min: Mating (µin) 15	
Plating min: Mating (μm) 0.38 Plating min: Termination (μin) 75	
Plating min: Termination (μin) 75 Plating min: Termination (μm) 1.88	
Polarized to Mating Part Side Slots (2)	
Polarized to Maing Part Side Side (2) Polarized to PCB No	
Shrouded Fully	
Stackable No	
Temperature Range - Operating -55°C to +105°C	

Termination Interface: Style	Surface Mount					
Electrical Current - Maximum per Contact Voltage - Maximum	2A 125V					
Solder Process Data Duration at Max. Process Temperature (seconds) Lead-free Process Capability Max. Cycles at Max. Process Temperature Process Temperature max. C	10 Reflow Capable (SMT only) 1 260					
Material Info						
Reference - Drawing Numbers Product Specification Sales Drawing	PS-87831-027 SD-87832-006					

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					ſ	NO	87832-0420	87832-0422	87832-5122	4	16.00	7.50	7.15		6.40	9.30	
F					ER TO PART	YES	87832-0620	87832-0622	87832-5222	6	24.00	11.50	9.15		6.40	9,30	F
				87832-**08	FOR CENTER {	YES	87832-0820	87832-0822	87832-5322	8	24.00	11.50	11.05		6.40	9.30	
				LOCKING	SECT OF HOM.	YES	87832-1020	87832-1022	87832-5422	10	24.00	11.50	13.05		6.40	9.30	
					L	YES	87832-1220	87832-1222	87832-5522	12		14.20		28.40	6.85	9.30	
						YES	87832-1420	87832-1422	87832-5622	14		14.20		28.40	6.40	9.30	
						YES	87832-1620	87832-1622	87832-5722	16	32.00	14.20		28.40	6.40	9.30	
						YES YES	87832-1820 87832-2020	87832-1822 87832-2022	87832-5822 87832-5922	18 20			21.05	40.40	6.40	9.30	
						YES	87832-2220	87832-2222	87832-6022	20		20.20	23.05 25.05	40.40	6.40 6.40	9.30 9.30	
						YES	87832-2420	87832-2422	87832-6122	24		20.20	27.05	40.40	6.40	9.30	
Е						YES	87832-2620	87832-2622	87832-6222	26	44.00	20.20		40.40	6.40	9.30	Е
						YES	87832-2820	87832-2822	87832-6322	28		26.20	31.05	52.40	6,40	9.30	
						YES	87832-3020	87832-3022	87832-6422	30		26.20		52.40	6.40	9.30	
						YES	87832-3220	87832-3222		32							
						YES	87832-3420	87832-3422	87832-6622	34	56.00	26.20	37.05	52.40	6.40	9.30	
						YES	87832-3620	87832-3622		36							
						YES	87832-3820	87832-3822		38							
						YES	87832-4020	87832-4022	87832-6922	40		26.20	43.05	52.40	6.40	9.30	
D						YES YES	87832-4220 87832-4420	87832-4222 87832-4422		42							D
U						YES	87832-4620	87832-4622	87832-7122	44		26.20	46.80 47.05	52.40 52.40	6.40 6.40	9.30	
						YES	87832-4820	87832-4822	87832-7222	46		26.20	47.05	52.40	0.40	9.30	
						YES	87832-5020	87832-5022	87832-7422	50	72.00					9.30	
							07052 5020	07052 5022	0/052-/422	1.20	72.00	J4.201	10.00	00.40	0.40	9.00	
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