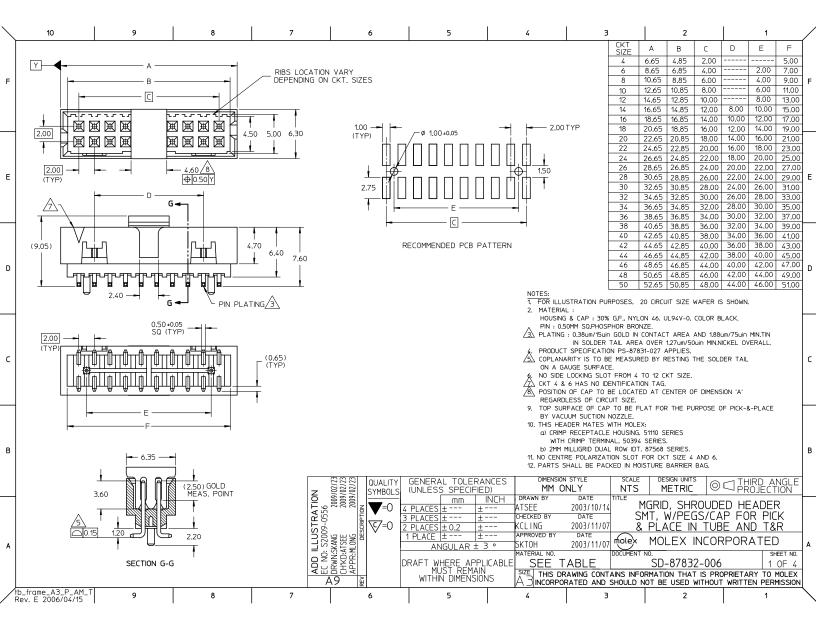


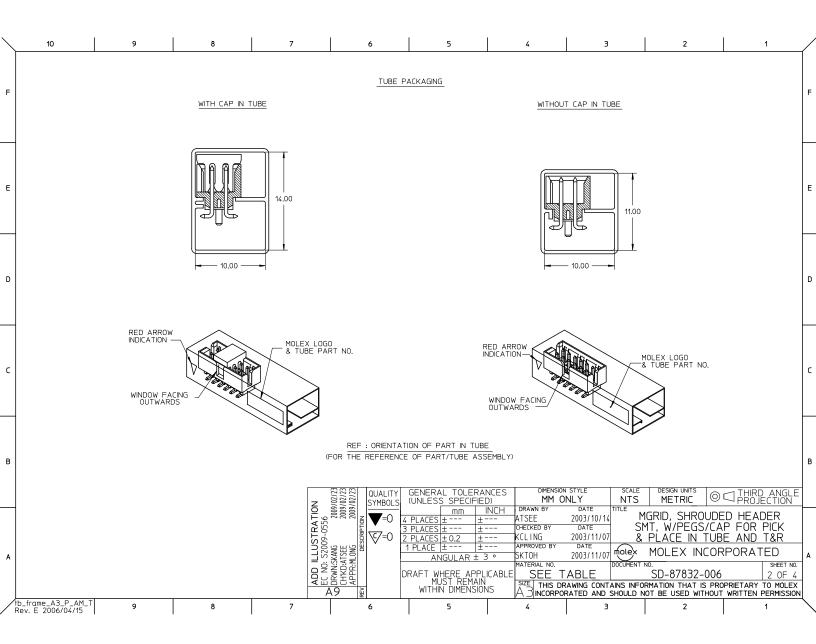
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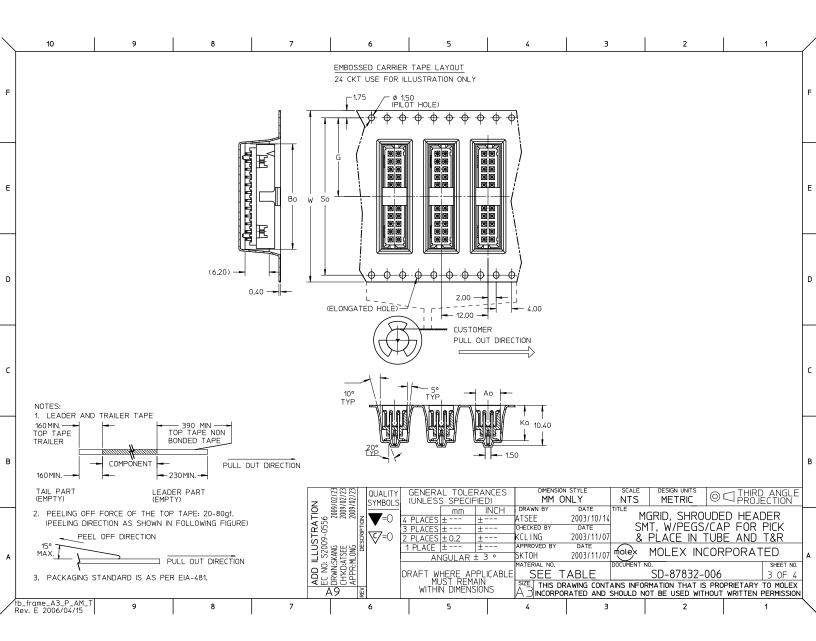
Part Number:	0878322020		
Status:	Active		
Overview:	milligrid		V-LALLANTER-
Description:		n Milli-Grid™ Header, Surface Mount, Vertical, Shrouded, Lead-	
Description.		8µm (15µ") Gold (Au) Plating, with Locking Windows and Centre	
	Polarization Slot, PC		
Documents:			I "On IN] I
3D Model		Product Specification PS-87831-027 (PDF)	
Drawing (PDF)		RoHS Certificate of Compliance (PDF)	Series
<u>Braining (FBF</u>			image - Reference only
Agency Certifica	ation		
CSA		LR19980	EU RoHS China RoHS
UL		E29179	ELV and RoHS
		223113	Compliant
General			REACH SVHC
Product Family		PCB Headers	Contains SVHC: No
Series		<u>87832</u>	Halogen-Free
Application		Wire-to-Board	<u>Status</u>
Comments		Contact Molex for application in automotive industry	Not Halogen-Free
Overview		milligrid	Need more information on product
Product Name		Milli-Grid™	environmental compliance?
Physical			Email productcompliance@molex.com
Breakaway		No	For a multiple part number RoHS Certificate of
Circuits (Loaded)		20	Compliance, click here
Circuits (maximum)		20	
Color - Resin		Black	Please visit the <u>Contact Us</u> section for any
First Mate / Last Bre	ak	No	non-product compliance questions.
Flammability		94V-0	
Glow-Wire Complian	ıt	No	
Guide to Mating Par		No	Counch Danta in this Carias
Keying to Mating Pa	rt	Yes	Search Parts in this Series
Lock to Mating Part		Yes	<u>87832</u> Series
Material - Metal		Phosphor Bronze	
Material - Plating Ma		Gold	Mates With
Material - Plating Te	rmination	Tin	50394 Wire-to-Board Terminals. 51110 Wire-to-Board Crimp Housing. 87568 Wire-
Material - Resin Number of Rows		Nylon 2	to-Board IDT Housings. 79107 Board-to-
Orientation		Z Vertical	Board Top Entry Through Hole Receptacle.
PCB Locator		Yes	79108 Board-to-Board FFC/FPC Top Entry
PCB Retention		None	Through Hole Receptacle. L
Packaging Type		Tube	
Pitch - Mating Interfa	ace (in)	0.079 ln	
Pitch - Mating Interfa	ace (mm)	2.00 mm	
Pitch - Term. Interfac		0.079 ln	
Pitch - Term. Interfac	. ,	2.00 mm	
Plating min: Mating (15	
Plating min: Mating (0.38	
Plating min: Termina		75	
Plating min: Termina		1.88 Side Slote (2)	
Polarized to Mating I Polarized to PCB	Fall	Side Slots (2)	
Shrouded		No Fully	
Stackable		No	
Temperature Range	- Operating	-55°C to +105°C	
	oporating		

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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					OPTION	P/N W/O CAP	P/N W/CAP	P/N W/CAP	СКТ			DIME	NSION				
						빌린	IN TUBE	IN TUBE	IN TAPE & REEL	SIZE	W	G	Во	So	Ao	Ko	1
					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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в							ERAL TOLERAN			SCAL			s (©			NGLE	В
				z	SYMBOL:		ESS SPECIFIED	.,	1 ONLY	NTS	5 M	ETRIC		' S PF	HRD A ROJEC	FION -	
A				ILLUSTRATIO S2009-0556	0 DFWMXSKMIG CHTKDATSE CHTKDATSE 2009/02/33 DESCRPTION DESCRPTION DESCRPTION	3 PLAC 2 PLAC	mm II CES ± ± - CES ± ± - CES ± 0.2 ± - .CE ± ± - ANGULAR ± 3 3	CHECKED BY KCLING APPROVED B • SKTOH	2003/10/14 DATE 2003/11/07 BY DATE 2003/11/07	molex		V/PEC	ROUDI GS/CA N TUE	ED HI AP FO <u>BE AN</u>	EADE DR PIC ND T8 ATE[R [K . <u>R</u> D	A
				۵Ÿ	X 2 8 1			MATERIAL N		DOCUMEN		0707	2 004			HEET NO.	
					홍분취	URAFI	T WHERE APPLI MUST REMAIN		TABLE			-8783				OF 4	1
					19 ≩	W	ITHIN DIMENSION		S DRAWING CONTA RPORATED AND S	INS IN	ORMATIC	ON THAT	T IS PR		ARY TO	MOLEX	
	b_frame_A3_P_AM_T	-		1		· · ·							WITHUU			1112210N	
	D_TFAME_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6		5	4	3			2			1		/