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[			
Part Number:	0010844030		<u>^</u>
Status:	Active		
Overview:	<u>mlx</u>		
Description:		ILX™ Power Connector Header, Vertical, 3 Circuits, P/ 4V-2, Tin (Sn) Plating, White	
	Polyannue Nylon 6/6 s	4v-z, Till (SII) Plating, white	
Description			
Documents:		Draduct Or setting DO 40000 0004 (DDE)	
<u>3D Model</u> Drawing (PDF)		Product Specification PS-42022-0001 (PDF) RoHS Certificate of Compliance (PDF)	
		ROPS Certificate of Compliance (PDP)	Series
			image - Reference only
Agency Certifica	tion		inage Hererenay
CSA		LR19980	EU RoHS China RoHS
UL		E29179	EU RoHS China RoHS ELV and RoHS
General			Compliant
Product Family		PCB Headers	REACH SVHC
Series		42002	Contains SVHC: No
Application		Wire-to-Board	Halogen-Free
Comments		Solder Type	Status
Overview		mlx	Not Reviewed
Product Name		MLX <sup>TM</sup>	Need more information on product
			environmental compliance?
Physical			
Breakaway		No	Email productcompliance@molex.com
Circuits (Loaded)		3	For a multiple part number RoHS Certificate of
Circuits (maximum)		3	Compliance, <u>click here</u>
Color - Resin		Natural	Please visit the Contact Us section for any
Durability (mating cyc		50	non-product compliance questions.
First Mate / Last Brea	ak	No 94V-2	
Flammability Glow-Wire Compliant		94V-2 No	
Guide to Mating Part		Yes	
Keying to Mating Par		Yes	Search Parts in this Series
Lock to Mating Part	·	Yes	<u>42002</u> Series
Material - Metal		Phosphor Bronze	
Material - Plating Mat	tina	Tin	Mates With
Material - Resin	0	Nylon	42021 Plug
Number of Rows		1	, <b>ü</b>
Orientation		Vertical	
PC Tail Length (in)		0.168 ln	
PC Tail Length (mm)		4.27 mm	
PCB Retention		Yes	
PCB Thickness Reco		0.125 ln	
PCB Thickness Reco	ommended (mm)	1.60 mm	
Packaging Type	(* )	Bag	
Pitch - Mating Interfa	( )	0.250 ln	
Pitch - Mating Interface	ce (mm)	6.35 mm	
Polarized to PCB Shrouded		Yes Fully	
Surface Mount Comp	atible (SMC)	No	
Temperature Range		-55°C to +105°C	
Termination Interface		Through Hole	
		in ough holo	
Electrical			
Current - Maximum p	er Contact	13.5A	
	<b>D</b> =1=		
Solder Process I	Data		

Duration at Max. Process Temperature (seconds)								
Lead-free Process Capability								
Process Temperature max. C								

10 Wave Capable (TH only) 260

Material Info Old Part Number

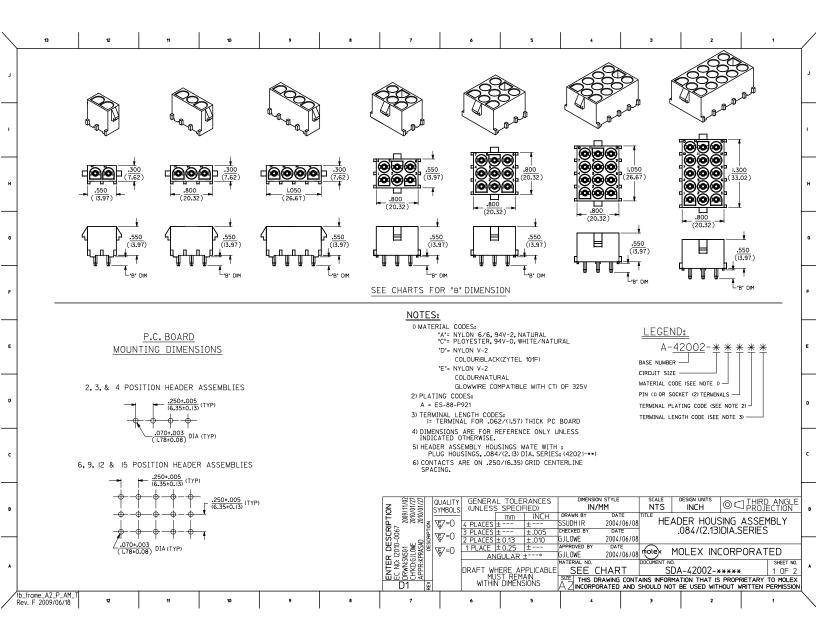
Sales Drawing

A-42002-3A1A1

## Reference - Drawing Numbers Packaging Specification Product Specification

PK-43255-001 PS-42022-0001 SDA-42002-\*\*\*\*\*

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ART NO.	ENG. NO.	CIRCUIT SIZE	MATERIAL (SEE NOTE 1)	INSULATOR PART NO.		TERMINAL PART NO.	"B" DIM
-84-4020	A-42002-2A IA I	5122	A	42002-2A	A	42005-P921A	.17/(4.3)
-84-5020 -84-4022	A-42002-2CIAI A-42002-2A2AI		C A	42002-2C 42002-2A	A A	42005-P921A 42006-P921A	
-84-5021	A-42002-2C2A1	2	С	42002-2C	A	42006-P921A	
57590101 57590141	36759-0101 36759-0141	2	D	366480042 366480042	A	42005-P921A 42006-P921A	
57570101	36757-0101		E	367570001	A	42005-P921A	
7570141 -84-4030	36757-0141 A-42002-3A IA I		E	367570001 42002-3A	A	42006-P921A 42005-P921A	17/(4.3)
-84-5030	A-42002-3CIAI		C	42002-3C	A	42005-P921A	
-84-4032 -84-5031	A-42002-3A2A1 A-42002-3C2A1		A	42002-3A 42002-3C	A	42006-P921A 42006-P921A	
7590102	36759-0102	3	D	366480043	A	42005-P921A	
7590142 7570102	36759-0142 36757-0102		D	366480043 367570002	A	42006-P921A 42005-P921A	
7570142	36757-0142		E	367570002	A	42006-P921A	
84-4040	A-42002-4A IA I A-42002-4C IA I		A C	42002-4A 42002-4C	A	42005-P921A 42005-P921A	.17/(4.3)
84-4042	A-42002-4A2A1 A-42002-4C2A1	4	A	42002-4A	A	42006-P921A	
-84-5041 7590103	A-42002-4C2A1 36759-0103		D	42002-4C 366480044	A	42006-P921A 42005-P921A	$\left  \right $
7590143	36759-0143 36757-0103		D	366480044 367570003	A	42006-P921A	
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84-4060	A-42002-6A IA I A-42002-6C IA I		A C	42002-6A	A	42005-P921A	.17/(4.3)
84-4062	A-42002-6A2A1		A	42002-6C 42002-6A	A	42005-P921A 42006-P921A	
-84-5061 7590104	A-42002-6C2A1 36759-0104	6	C D	42002-6C 366480045	A	42006-P921A 42005-P921A	
7590144	36759-0144		D	366480045	A	42006-P921A	
7570104	36757-0104 36757-0144		E	367570004 367570004	A	42005-P921A 42006-P921A	
-84-4090	A-42002-9A IA I		A	42002-9A	A	42005-P921A	.17/(4.3)
-84-5090 -84-4092	A-42002-9CIAI A-42002-9A2AI		C	42002-9C 42002-9A	A	42005-P921A 42006-P921A	
-84-5091	A-42002-9C2A1	9	C	42002-90	A	42006-P921A	
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57570145 1-84-4120	36757-0145 A-42002-12A1A1		E	367570005 42002-124	A	42006-P921A 42005-P921A	.17/(4.3)
-84-5120	A-42002-12C1A1		Ċ	42002-120	A	42005-P921A 42006-P921A	
	A-42002-12A2A1 A-42002-12C2A1		A C	42002-12A 42002-12C	A	42006-P921A 42006-P921A	
67590106 67590146	36759-0106 36759-0146	12	D	366480047	A	42005-P921A 42006-P921A	
67570106	36757-0106		D E	366480047 367570006	A	42006-P921A 42005-P921A	
67570146	36757-0146		E	367570006 42002-15A	A	42006-P921A 42005-P921A	
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67590107	36759-0107	15	D	366480057	A	42005-P921A	
67590147 67570107	36759-0147 36757-0107		D E	366480057 367570007	A	42006-P921A 42005-P921A	
67570147	36757-0147		E	367570007	Ă	42006-P921A	