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Part Number: [0022438100](#)
Status: **Active**
Description: 2.50mm (.098") Pitch SPOX™ Header, Shrouded, In-line Footprint, 10 Circuits, White

Documents:

[3D Model](#) [Product Specification PS-42219-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42267](#)
Application Wire-to-Board
Product Name SPOX™

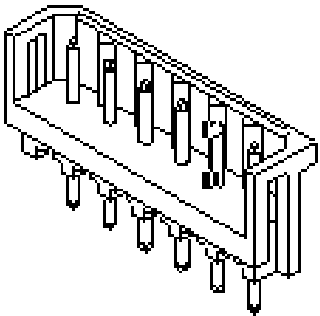
Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Natural
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.130 In
PC Tail Length (mm) 3.30 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.098 In
Pitch - Mating Interface (mm) 2.50 mm
Plating min: Mating (µin) 101.6
Plating min: Mating (µm) 2.54
Plating min: Termination (µin) 101.6
Plating min: Termination (µm) 2.54
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V

Solder Process Data



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



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
[42267Series](#)

Mates With
[42219](#)

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

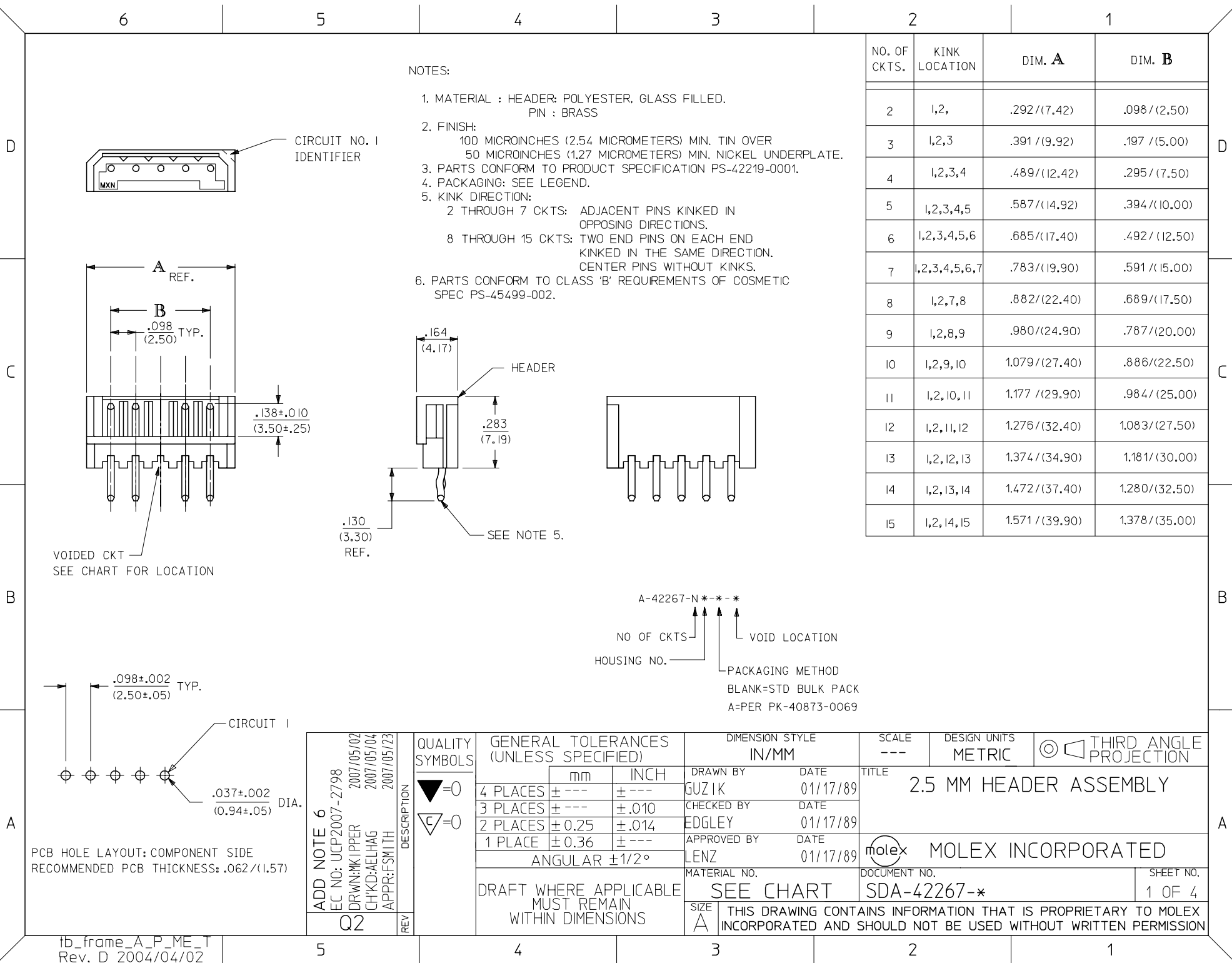
Old Part Number	A-42267-10A
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Reference - Drawing Numbers

Application Specification	AS-42249-001
Product Specification	PS-42219-0001
Sales Drawing	SDA-42267-*

This document was generated on 06/08/2010

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A-42267-NA-*											
OPTIONS	HOUSING	42249-N		OPTIONS	HOUSING	42249-NA		OPTIONS	HOUSING	42249-NB	
	COLOR	NATURAL			COLOR	BLUE			COLOR	BROWN	
	PIN NO	45613-0006			PIN NO	45613-0006			PIN NO	45613-0006	
	PLATING	154			PLATING	154			PLATING	154	
Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts
2	22-43-8020	A-42267-2A		2	22-43-8023	A-42267-2B		2	50-34-8534	A-42267-2C	
3	22-43-8030	A-42267-3A		3	22-43-8033	A-42267-3B		3		A-42267-3C	
4	22-43-8040	A-42267-4A		4		A-42267-4B		4		A-42267-4C	
5	22-43-8050	A-42267-5A		5		A-42267-5B		5		A-42267-5C	
6	22-43-8060	A-42267-6A		6	22-43-8063	A-42267-6B		6		A-42267-6C	
7	22-43-8070	A-42267-7A		7		A-42267-7B		7		A-42267-7C	
8	22-43-8080	A-42267-8A		8		A-42267-8B		8		A-42267-8C	
9	22-43-8090	A-42267-9A		9		A-42267-9B		9		A-42267-9C	
10	22-43-8100	A-42267-10A		10	22-43-8103	A-42267-10B		10		A-42267-10C	
11	22-43-8110	A-42267-11A		11		A-42267-11B		11		A-42267-11C	
12	22-43-8120	A-42267-12A		12		A-42267-12B		12		A-42267-12C	
13	22-43-8130	A-42267-13A		13		A-42267-13B		13		A-42267-13C	
14	22-43-8140	A-42267-14A		14		A-42267-14B		14		A-42267-14C	
15	22-43-8150	A-42267-15A		15		A-42267-15B		15		A-42267-15C	
		A-42267-10A-6	6								
		A-42267-15A-3	3								
		A-42267-7A-2	2								
	22-44-8030	A-42267-3A-2	2								
REV:		ECR/ECN INFORMATION:			TITLE:					SHEET No.	
Q1		EC NO: UCP2007-1449			2.5 MM HEADER ASSEMBLY					- 2 -	
		DATE: 12/19/2006									
DOCUMENT NUMBER:				CREATED / REVISED BY:			CHECKED BY:		APPROVED BY:		
SDA-42267-*				ELHAG			LSCHMIDT		FSMITH		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42267-ND-*				A-42267-NE-*				A-42267-NF-*			
OPTIONS	HOUSING	42249-NR		OPTIONS	HOUSING	42249-NC		OPTIONS	HOUSING	42249-ND	
	COLOR	RED			COLOR	ORANGE			COLOR	YELLOW	
	PIN NO	45613-0006			PIN NO	45613-0006			PIN NO	45613-0006	
	PLATING	154			PLATING	154			PLATING	154	
Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts
2	22-43-8021	A-42267-2D		2	22-43-8025	A-42267-2E		2	22-43-8024	A-42267-2F	
3	22-43-8031	A-42267-3D		3	22-43-8035	A-42267-3E		3	22-43-8034	A-42267-3F	
4	22-43-8041	A-42267-4D		4	22-43-8045	A-42267-4E		4	22-43-8044	A-42267-4F	
5	22-43-8051	A-42267-5D		5	22-43-8055	A-42267-5E		5	22-43-8054	A-42267-5F	
6	22-43-8061	A-42267-6D		6	22-43-8065	A-42267-6E		6	22-43-8064	A-42267-6F	
7	22-43-8071	A-42267-7D		7	22-43-8075	A-42267-7E		7		A-42267-7F	
8	22-43-8081	A-42267-8D		8	22-43-8085	A-42267-8E		8		A-42267-8F	
9	22-43-8091	A-42267-9D		9	22-43-8095	A-42267-9E		9		A-42267-9F	
10	22-43-8101	A-42267-10D		10	22-43-8105	A-42267-10E		10	22-43-8104	A-42267-10F	
11	22-43-8111	A-42267-11D		11	22-43-8115	A-42267-11E		11		A-42267-11F	
12	22-43-8121	A-42267-12D		12	22-43-8125	A-42267-12E		12		A-42267-12F	
13	22-43-8131	A-42267-13D		13	22-43-8135	A-42267-13E		13		A-42267-13F	
14	22-43-8141	A-42267-14D		14	22-43-8145	A-42267-14E		14		A-42267-14F	
15	22-43-8151	A-42267-15D		15	22-43-8155	A-42267-15E		15		A-42267-15F	
REV:	ECR/ECN INFORMATION:		TITLE:							SHEET No.	
Q1	EC NO: UCP2007-1449		2.5 MM HEADER ASSEMBLY							- 3 -	
	DATE: 12/19/2006										
DOCUMENT NUMBER:			CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:		
SDA-42267-*			ELHAG			LSCHMIDT			FSMITH		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42249-NG-*				A-42249-NH-*				A-42249-NA-(154)			
OPTIONS	HOUSING	42249-NE		OPTIONS	HOUSING	42249-NG		OPTIONS	HOUSING	42249-N	
	COLOR	GREEN			COLOR	GREY			COLOR	NATURAL	
	PIN NO	45613-0006			PIN NO	45613-0006			PIN NO	45613-0006	
	PLATING	154			PLATING	154			PLATING	154	
Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts	Ckt	Material No	Engineering No	Void Ckts
2	22-43-8026	A-42267-2G		2	22-43-8022	A-42267-2H		2	50-34-9252	A-42267-02A-(154)	
3	22-43-8036	A-42267-3G		3	22-43-8032	A-42267-3H		3	50-34-9253	A-42267-03A-(154)	
4	22-43-8046	A-42267-4G		4		A-42267-4H		4	50-34-9254	A-42267-04A-(154)	
5	22-43-8056	A-42267-5G		5		A-42267-5H		5	50-34-9255	A-42267-05A-(154)	
6	22-43-8066	A-42267-6G		6	22-43-8062	A-42267-6H		6	50-34-9256	A-42267-06A-(154)	
7	22-43-8076	A-42267-7G		7		A-42267-7H		7	50-34-9257	A-42267-07A-(154)	
8	22-43-8086	A-42267-8G		8		A-42267-8H		8	50-34-9258	A-42267-08A-(154)	
9	22-43-8096	A-42267-9G		9		A-42267-9H		9	50-34-9259	A-42267-09A-(154)	
10	22-43-8106	A-42267-10G		10		A-42267-10H		10	50-34-9260	A-42267-10A-(154)	
11	22-43-8116	A-42267-11G		11		A-42267-11H		11	50-34-9261	A-42267-11A-(154)	
12	22-43-8126	A-42267-12G		12		A-42267-12H		12	50-34-9262	A-42267-12A-(154)	
13	22-43-8136	A-42267-13G		13		A-42267-13H		13	50-34-9263	A-42267-13A-(154)	
14	22-43-8146	A-42267-14G		14		A-42267-14H		14	50-34-9264	A-42267-14A-(154)	
15	22-43-8156	A-42267-15G		15		A-42267-15H		15	50-34-9265	A-42267-15A-(154)	
	22-448076	A-42267-07G-3	3								