

## This document was generated on 09/14/2021 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	<u>0460073105</u>		
Status:	Active		
Overview:	Sabre Power Connector		Aller .
Description:		Right-Angle, 5 Circuits, Glow-Wire Capable.	
		ss 1.60mm, with Board Lock. Complies with the UL1977	
	finger proof access requireme	· · · · · · · · · · · · · · · · · · ·	
	linger proof access requireme		
Documents:			
		Reckaging Specification RK (22780-001-001 (RDE)	(1
<u>Drawing (PDF)</u> 3D Model		Packaging Specification PK-43789-001-001 (PDF) Symbol Footprint Data SYM-46007-3105-001 (PDF)	
3D Model (PDF)			Series image - Reference only
. ,	PS-44441-9999-001 (PDF)	<u>RoHS Certificate of Compliance (PDF)</u> Product Literature (PDF)	Series image - Reierence only
Product Specification	<u></u>	<u>FIODUCI LITEIAIUIE (FDF)</u>	
			<u>EU ELV</u>
Agency Certification		500/70	Not Relevant
UL		E29179	EU RoHS China RoHS
General			Compliant
Product Family		PCB Headers	REACH SVHC
Series		46007	Not Contained Per -
Application		Power, Wire-to-Board	
Comments		"""""Fully Polarized, high power wire to board and	D(2021)4569-DC (8 July 2021)
Comments		wire to wire connector system <p><p>This Molex</p></p>	
		product is manufactured from material that has the	Halogen-Free
		following ratings, tested by independent agencies:.	Status
		a) A Glow Wire Ignition Temperature (GWIT) of at	Not Low-Halogen
		least 775 deg C per IEC 60695-2-13 b) A Glow	For more information, please visit Contact
		<b>v</b> ,	China ROHS Green Image
		Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the	ELV Not Relevant
		•	RoHS Phthalates Not Contained
		requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical	- Not Contained
		appliances - safety, section 30 Resistance to heat	
		and fire. <p><p> The customers using this product</p></p>	
		must determine its suitability for use in their particular	Search Parts in this Series
		application through testing or other acceptable means	46007 Series
		as described in end-product glow-wire flammability test	
		standard IEC 60695-2-11 and any applicable product	Mates With
		end-use standard(s). <p> If it is determined during</p>	444412005 Sabre Receptacle Housing
		the customer's evaluation of suitability, that higher	1
		performance is required, please contact Molex for	
		possible product options."""""""	
Overview		Sabre Power Connector	
Product Name		Sabre	
UPC		822350247498	
Physical			
Breakaway		No	
Circuits (Loaded)		5	
Circuits (maximum)		5	
Color - Resin		Black	
Durability (mating cycl		25	
First Mate / Last Break	K	No	
Flammability		94V-0	
Glow-Wire Capable		Yes	
Guide to Mating Part		No	
Keying to Mating Part		Yes	
Lock to Mating Part		Yes	
Material - Metal		Brass	

Material - Plating TreminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight6.653/gNumber of Rows1OrientationRight AnglePC Tail Length3.81mmPCB LocatorNoPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface7.50mmPitch - Mating Interface7.50mmPitch - Mating PartYesPolarized to Mating PartYesPolarized to Mating PartYesPolarized to Mating PartYesShroudedFullyStackableNoSurface Mount Compatible (SMC)NoTermination Interface: StyleThrough HoleElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact18.0AVoltage - Maximum600VSolder Process Data005Duration at Max. Process Temperature (seconds)005Lead-freeProcess CapabilityWAVEMax. Cycles at Max. Process Temperature001Process Temperature max. C235Material InfoPK-43789-001-001Product SpecificationPS-44441-9999-001Sales Drawing460070001-SD-000Symbol/Footprint DataSYM-46007-3105-001	Material - Plating Mating	Tin			
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Surface Mount Compatible (SMC)NoTemperature Range - Operating-40° to +75°CTermination Interface: StyleThrough HoleElectricalCurrent - Maximum per Contact18.0AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)005Lead-freeProcess CapabilityWAVEMax. Cycles at Max. Process Temperature001Process Temperature max. C235Material InfoReference - Drawing NumbersPackaging SpecificationPK-43789-001-001Product SpecificationPS-44441-9999-001Sales Drawing460070001-SD-000	Shrouded	Fully			
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Packaging SpecificationPK-43789-001-001Product SpecificationPS-44441-9999-001Sales Drawing460070001-SD-000	Material Info				
Packaging SpecificationPK-43789-001-001Product SpecificationPS-44441-9999-001Sales Drawing460070001-SD-000	Reference - Drawing Numbers				
Product SpecificationPS-44441-9999-001Sales Drawing460070001-SD-000		PK-43789-001-001			
Sales Drawing 460070001-SD-000					
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