



LKS 19 Pin

The LKS range has been designed for professional lighting and power distribution applications. While maintaining full compatibility with Socapex SL 419 series, LKS connectors represent a significant breakthrough in reliability and safety. Based on the LK Series MIL-SPEC designs, these connectors are extremely robust, IP rated and available with impact resistant rubber locking rings.



The **LKS** connectors range represents a real breakthrough in terms of reliability and safely.



UL-CSA

The highest UL-CSA Rating obtained with a rubber insert: UL Recognized for 25A of continuous current (20A CNR). The exclusive rubber silk-screened insert provides for easy and secure pin insertion while maintaining the highest continuous current ratings.

The gold plated contacts with retaining spring pins ensure reliable mating every time.

- Screw coupling connector
- Fully compatible with Socapex SL 419 series
- Ground first contact
- Gold plated machined pins accepting conductors from 1.5 to 4 mm²
- Dual ground rings
- Plastic insulating sleeve
- Body ground fulfilling UL & NEC requirements
- IP67 rated when mated
- Interchangeable locking rings
- Wide range of cable strain reliefs
- Anti spinning system

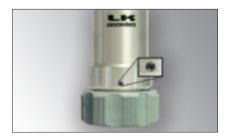
Options

- Tulip/retention spring pins
- lue Long backshell (standard in Spider version)
- Integrated locking ring set scew (standard in Spider version)
- □ Black and colored (blue, red, green, yellow) rubber locking rings
- Male and female connector dust caps
- Fast LinkLock backshell



FAST LINKLOCK BACKSHELL

Secure locks and quickly unlocks with a 1/4 turn every time, time after time. Only available in machined version.



LOCKING SET SCREW

With a captive Helicoil retention system guarantees connector integrity in the harshest touring applications.



LKS 19 PIN SPIDER

The LKS 19 pin spider connector maintains the width of the PG29 and guarantees secure fan out terminations with a highly resistant strain relief.



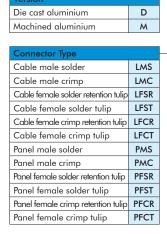
ANTI-SPINNING SYSTEM

A new internal head design incorporating an innovative keying solution ensures that rubber inserts are secured and will not spin.



LKS 19 Pin

LKS Ordering Code



LKS D LMS PA M29 B 1			
Locking ring			
Without ring		Backshell version	
Aluminium black painted	PA	Aluminium PG29	
Aluminium black rubberized	RA	Aluminium PG36	
Aluminium colored rubberized	R*	Aluminium PG42	
Aluminium black anodized	Α	Aluminium long ver	
Aluminium colored anodized	**	Aluminium long ver	
Long aluminium black painted	LPA	Aluminium for six way	
Long aluminium black rubberized	LRA	Aluminium metric th	
Long alum, colored rubberized	LR*	Set screw version: o	
Long alum. black anodized	LA		
Long alum. colored anodized	L**	Shell & Backshell v	
		Black painted	
Items subject to Minimum Order Qty		DI I II I	

Without ring	
Aluminium black painted	PA
Aluminium black rubberized	RA
Aluminium colored rubberized	R*
Aluminium black anodized	Α
Aluminium colored anodized	**
Long aluminium black painted	LPA
Long aluminium black rubberized	LRA
Long alum. colored rubberized	LR*
Long alum. black anodized	LA
Long alum. colored anodized	L**
tems subject to Minimum Order Qty	

M29 Aluminium PG29 Aluminium PG36 M36 Aluminium PG42 M42 Aluminium long version PG29 L29 Aluminium long version PG36 L3 Aluminium for six way cable relief М Aluminium metric thread M40 M4 Set screw version: add Shell & Backsh

L36		Plastic P
MS		Aluminiu
M40		w/ stain
Χ		Aluminiu
		w/ stain
	μ	Rubber s
В		Rubber s
Α		Plastic N
A**		Plastic N

Special Version	
No special version	
PCB common ground	CG

Cable relief		
Plastic PG29	1	
Plastic PG36	2	
Plastic PG42	3	
Aluminium (silver)	4\$	
w/ stainless mesh PG29		
Aluminium (silver)	5S	
w/ stainless mesh PG36	25	
Rubber six way x 1,5 mm cable	S 1	
Rubber six way x 2,5 mm cable	S2	
Plastic M40 x 1,5	6	
Plastic M40 x 1,5 R	6R	

New 1/4 turn lock shell/backshell available on request







R G Red Green



Black anodized

Colored anodized



Tulip Pins

The conventional 4 blade tulip style provides ample contact surface area for maximum conduction.



Retention Spring Pins

The enhanced spring pin provides the maximum surface area of a conventional tulip pin with the added benefit of a stainless steel spring clip.

Grounding PCB ensures a safe

and reliable connection to all pins.

Serviceable Plastic **Insulating Sleeve**

Easily installed or removed once terminations are completed. They provide a reliable insulation between the connector housing and internal conductors.

Durable Backshell

Available in two lengths for ultimate serviceability.



The anodized aluminium version is available in multiple colors (see color table above).

Accessories

Dust cap



	For connectors:
LKS 19 TPM	with locking ring
LKS 19 TPF	without locking ring

Ground ring

Grounding PCB



LKS GD A Enables the equipotential connection of the 7 ground contacts.

Rubber locking ring



LKS 32 RA* For LKS Items subject to Minimum Order Qty B R G

Robust strain relief



PG29 and PG36 configurations, with two size spider grips for fan in/out. Optional PG42, M40 or mesh cable gland are also available.

