

QUICK STUDY GUIDE

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	Series	Pin Configuration(s)	Description
	SVK	13, 19, 25, 37, 54, 85, 100 & 150 pins	<i>Panel & inline; IP67 waterproof rated; MIL-C-5015 compliant; gold or silver contacts</i>
	SVS	72 & 101 pins	
	SHD	13, 19, 25, 37, 54, 85, 100 & 150 pins	<i>Roadline: Enhanced, robust, heavy-duty version of the SVK Series</i>
	SV	24 Audio & 6 Video (Coax) Pins	<i>Panel & Inline Audio/Video Hybrid Connectors; gold plated precision contacts</i>
	SMA	122 & 176 pins	<i>Hermaphroditic IP67 panel & inline audio, up to 56 channels; gold plated solder contacts</i>
	SPK	4, 8 & 19 pins	<i>Pro loudspeaker panel & inline; rubber locking ring; CA-COM mateable; silver & gold solder or crimp contacts</i>
	SPK8	8 pin	<i>Adapter; CA-COM 8 compatible; male one end, female other end</i>
	SB	2, 3, 4, 6, 7, 8 & 9 pins	<i>HMI Ballast & Lamp connector; 400W - 200KW; configurable; bayonet lock & coupling roller; silver plated contacts</i>
	SSX	19 & 16 pin UL & Industrial Versions	<i>Lighting connector; Socapex 419 compatible; panel & inline; fast wiring, indestructible; IP67; first make, last break gold or silver plated contacts</i>
	SPX	Single Pole High Amperage Power Connectors	<i>Power 400A - 750A; panel & inline; US, EU, UK & AU color codes; IP67; IP2X; high impact shell; silver plated contacts</i>
	SPZ		
	Cables	Application Specific Cables	<i>Expertly engineered pro audio & video features; power distribution; data</i>
	Drums	Cable Drums (featuring optional IO Side Panels)	
	Glands	Metric & PG types	<i>Glands, standard or spiral flex, metal, strain relief mesh grips, hanger grips</i>
	Tooling	Tooling & Accessories	<i>Contact us for more information</i>

v14.0



SPK
SPEAKER
SERIES
CONNECTORS

syntax
no compromise

SPK SPEAKER



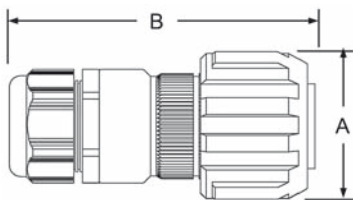
SPK SYNTAX® connectors are available in 4 and 8 pin configuration for speaker array connections and are fully intermateable with CA-COM connectors, commonly used by many speaker enclosures manufacturers.

The design utilises the same key features of SVK Series and are supplied as standard with the rubber covered locking ring and with gold plated solder contacts. The SPK speaker series, ensures long term reliability through the robust construction and addresses the short comings of the more traditional Industrial and Military connectors when used in touring applications.

- Rubber Coated Coupling Locking Rings
- Machined Backshells
- "First Make Last Break" earthing contacts
- Thick Wall sections
- Roller Bearing Coupling Pins
- IP67 watertight construction when mated
- Compliant Integral Grounding System

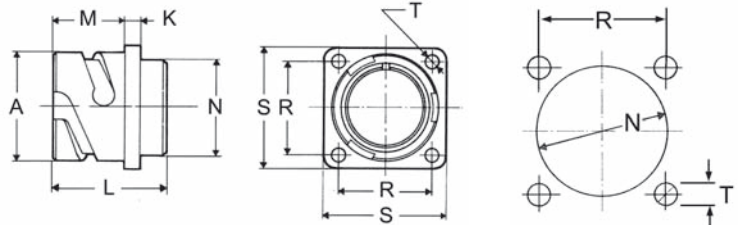
INLINE DIMENSIONS (mm) 4 pin (PG13,5) - 8 and 19 pin (PG 21)

terminal	A	B	Pin
standard locking ring	37	106	4
standard locking ring	45	107,3	8
standard locking ring	45	107,3	19
rubber locking ring	49	110	4
rubber locking ring	56	107,3	8
rubber locking ring	56	107,3	19
ramps	34	108	4
ramps	40	105,75	8
ramps	40	105,75	19



PANEL DIMENSIONS (mm) AND CUT-OUT 4 - 8 - 19 pin

	A	K	L	M	N	R	S	T		R	N	T	
	+0			+0,4							+0,4		
	-0,15	±0,2	±0,3	-0	max.	±0,1	±0,3	H13		±0,2	-0	±0,2	
4 pin	30,8	4	34,3	19	25,6	27,0	35	3,2		4 pin	27,0	25,8	3,2
8 pin	37,4	4	34,3	19	32,2	31,8	41	3,2		8 pin	31,8	32,4	3,2
19 pin	37,4	4	34,3	19	32,2	31,8	41	3,2		19 pin	31,8	32,4	3,2



CONTACTS

The male and female are machined by high conductive copper alloy and could be supplied gold or silver plated.

Voltage rating AC	Voltage rating DC	Max current	Rated current	Potential drop	Dielectric Strength	
					Test voltage	Min. Flashover
1250 V	900 V	41 Amps	23 Amps	63 mV	2800 Vac RMS	3600 Vac RMS

SOLDER CONTACTS TYPES AND PART N.

Size	Connector	Plating	Part N.	Gender	Part N.	Gender
12	SPK 4-8 pin	Silver	SPKP12SFS	Female	SPKP12SMS	Male
			SPKP12GFS	Female	SPKP12GMS	Male
		Gold	SPKP12SFS	Female	SPKP12SMS	Male
			SPKP12GFS	Female	SPKP12GMS	Male

CRIMP CONTACTS TYPES AND PART N.

Size	Connector	Plating	Part N.	Gender	Part N.	Gender
16	SPK 19 pin	Silver	SVKP16SFC	Female	SVKP16SMC	Male
			SVKP16GFC	Female	SVKP16GMC	Male
		Gold	SVKP16SFC	Female	SVKP16SMC	Male
			SVKP16GFC	Female	SVKP16GMC	Male

8 PIN

SPK08FV - SPK08MV



8 pin inline female and male with ramps

SPK08MV - SPK08FV



8 pin inline male and female with standard locking ring

SPK08FV - SPK08MV



8 pin inline female and male with rubber locking ring

SPK08MP - SPK08FP



8 pin panel male and female with ramps

SPK08FP - SPK08MP



8 pin panel female and male with rubber locking ring

SPK19MV - SPK19FV



19 pin inline male with ramps and female with rubber locking ring

SPK19MP - SPK19FP



19 pin panel male with ramps and female with rubber locking ring

19 PIN

SPK04FV - SPK04MV



4 pin inline male and female with ramps

SPK04FV - SPK04MV



4 pin inline male and female with rubber locking ring

SPK04MP - SPK04FP



4 pin panel male and female with ramps

SPK04FP - SPK04MP



4 pin panel female and male with rubber locking ring

4 PIN

SPK SPEAKER

LOCKING RING

STANDARD aluminium arctic grip locking ring.



RUBBER COATED locking ring for ease of coupling even with gloved hands.



NEW RUBBER COATED LOCKING RING FOR 8 PIN CONNECTORS



RUBBER COATED locking ring for ease of coupling even with gloved hands.



FOR 19 AND 4 PIN CONNECTORS



PROTECTION DUST CAPS

SPK...TFSC



Protection dust cap for female connector

SPK...TMSC



Protection dust cap for male connector

CABLE GLANDS

4 pin

Metric M 20



8 pin

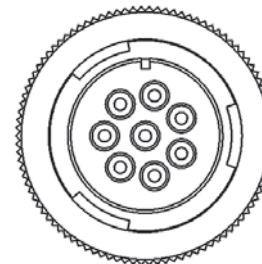
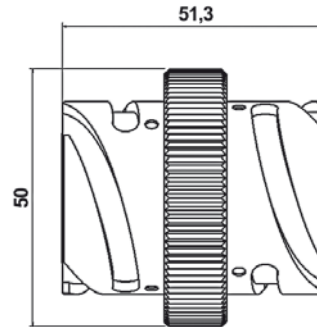
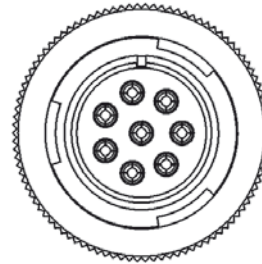
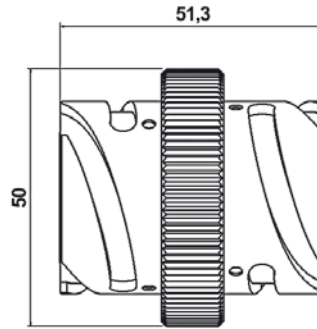
Metric M 25



For 8 pin speaker extension cable



Part N. **SPK008ADIV**



GENERAL FEATURES

- Compatible with Syntax SPK 8 pin Speaker connector, CACOM8 and all other series with insert 22-23 (8 pins) compliant with MIL C5015 & VG95234 standards.
- Allows users of SPK 8 pin to create longer extensions.
- Heavy duty aluminum body for maximum durability.
- Obtained through machining of aluminum special alloy.

DESCRIPTION

SPK 8 pin Speaker adapter for extension cable male to female without locking rings

TYPICAL APPLICATION

The SPK 8 pin Speaker extension cables (CA-COM 8 compatible) typically feature a male connector at one end and a female connector at the other end, with locking rings on both terminations to allow the connection to panel mount devices without locking rings. Such configuration prevents the possibility of joining multiple cables and make longer extensions.

SPK 8 pin Speaker adapter permits the connection of more extension cords together.

The male and female connections of the SPK 8 pin Speaker adapter are without locking rings.

This allow users to extend the length of a SPK 8 pin Speaker cable by joining two existing cables with locking rings together.

TYPICAL ENVIRONMENTS AND MARKETS

Theatres, PA (concert touring) applications, live events, permanent installations.

SPECS

Pin/Socket
Input / Output

Size 12
Inlet Without Ring / Receptacle Without Ring

