



**NEW SPK
SVK SHD**

**COLOR
RUBBER COATED
LOCKING RINGS**

**ARMORED
CONTACTS**

by **SYNTAX**

**syntax
no compromise**

RUBBER LOCKING RING

AN ART EXHIBITION AROUND THE CONNECTOR

The rubber coated version of the locking ring is now available on all the series of Syntax circular multipin connectors. For quick identification of your cables through color coding, five different colors are available on request: black (standard), red, blue, yellow, green.

For other color options, feel free to contact our sales department



The thoughtful design of the locking-ring ensures optimal grip on the whole circumference and easy coupling. An audible click indicates that locking is complete.

A thick wall inner metal ring provides greater resistance to all possible forms of abuse. It represents an evolution of the rubber-coated rings commonly found on the market and solves the problem of their being mechanically weaker compared to all-metal construction rings.

The roller pins ensure smoother coupling and more durability. With their increased size, these characteristics have now been further emphasized.



RUBBER LOCKING RING AVAILABLE ON THE FOLLOWING SERIES

SVK / SHD 13,19,25,37,54,85,100,150 pin (Mil C 5015 VG 95234)

SVS 72,101 pin (Mil C 5015 VG 95234)

SPK 8 pin (Mil C 5015 VG 95234)

ARMORED CONTACTS

PERFECTION AT THE HEART OF SVK - SVS - SHD SERIES

The contacts are of machined high conductive alloy, gold or silver plated

CRIMP CONTACTS TYPES AND PART N.

Size	Connector	Plating	Part N.	Gender	Part N.	Gender
16	13/19/25/37/54/85 pin	Silver	SVKP16SFK	Female	SVKP16SMC	Male
		Gold	SVKP16GFK	Female	SVKP16GMC	Male
18	100/150 pin	Gold	SVKP18GFK	Female	SVKP18GMC	Male
20	72/101 pin	Gold	SVKP20GFK	Female	SVKP20GMC	Male

SOLDER CONTACTS TYPES AND PART N.

Size	Connector	Plating	Part N.	Gender	Part N.	Gender
16	13/19/25/37/54/85 pin	Gold	SVKP16GFZ	Female	SVKP16GMS	Male

CONTACTS RATING

Size	Max Current	Rated Current	Max Voltage Drop	Wire section (mm ²)	Wire section AWG
16	22 A	13 A	74 mv	1÷1,5	18÷16
18	10 A	7,5 A	83 mv	0,15÷0,6	26÷20
20	7,5 A	7,5 A	83 mv	0,15÷0,3	26÷22

CONNECTORS RATING

Contacts number	Operating voltage		Test voltage		Min. Flashover	
	Vdc	Vac	Vac	Vac	Vac	Vac
13/19/25/150 - 72/101	250	200	1000	1000	1400	1400
37/54/85/100	700	500	2000	2000	2800	2800



This original Syntax component is provided with a protective jacket to improve contactation on SVK - SVS - SHD series connector



Improved electrical conductivity
Self-centered for a seamless connection



Lower operating temperature
Increased number of mating cycles