

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



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)



PART NUMBER EXPLANATION Part N. SVK - SVS - SHD - SPK **EXAMPLE** SVK 150 F V R G S MP N Part N. CONNECTOR SERIES SVK = (13 - 19 - 25 - 37 - 54 - 85 - 100 - 150 pin) svk Back shell: standard. Locking ring: ergonomic and rubber coated SVS = (72 - 101 PIN) slim series, high density. svs Back shell: standard. Locking ring: ergonomic and rubber coated SHD = (13 - 19 - 25 - 37 - 54 - 85 - 100 - 150 pin) SHD Back shell: standard. Locking ring: ergonomic and rubber coated SPK SPK = (8 PIN compliant Mil C5015 & VG95234) **CONTACTS NUMBER** 008 - 013 - 019 - 025 - 037 - 054 - 072 - 085 - 100 - 101 - 150 **CONTACT TYPE** M = male М F = female F **CONNECTOR TYPE** ٧ V = inlineР P = panel **COUPLING TERMINATION** = with ramps н H = ergonomic locking ring with improved thickness and stronger roller pins (SVK-SVS) D = ergonomic locking ring with improved thickness and stronger roller pins (SHD) D R = rubber coated locking ring R **CONTACT PLATING TYPE** S = silver (13 - 19 - 25 - 37 - 54 - 85 pin) S G = gold (13 - 19 - 25 - 37 - 54 - 72 - 85 - 100 - 101 - 150 pin) G N N = no contact **CONTACT TYPE AND TERMINATION** C = spring loaded crimp (8 - 13 - 19 - 25 - 37 - 54 - 85 pin) С S = spring loaded solder (8 - 13 - 19 - 25 - 37 - 54 - 85 pin) S P = spring loaded pcb (13 - 19 - 25 - 37 - 54 - 85 pin) Р N = no contact N K = armored crimp contact (13-19-25-37-54-72-85-100-101-150 pin) Κ Z = armored solder contact (13-19-25-37-54-72-85-100-101-150 pin) Z **CABLE CLAMP RANGE - METRIC** Thread Size Clamping Range (mm) SVK - SHD (pins) SVS (pins) M 20 x 1.5 6 - 12 13 - 19 МН M 20 x 1.5 10 - 14 13 - 19 ΜI M 25 x 1.5 6 - 13 25 MJ M 25 x 1.5 13 - 18 25 ML M 32 x 1.5 7 - 15 37 - 54 72 - 101 MN M 32 x 1.5 11 - 21 37 - 54 72 - 101 MM M 32 x 1.5 18 - 25 37 - 54 72 - 101 МО M 40 x 1.5 15 - 23 85 - 100 - 150 MQ 85 - 100 - 150 M 40 x 1.5 19 - 28 MP 85 - 100 - 150 M 40 x 1.5 22 - 32 MR CABLE CLAMP TYPE N = normalΝ S = spiral flex s R R = strain relief SPECIAL VERSION (upon request) For example: T = inserted solder termination contacts Т Not pre-installed 0 RUBBER COATED HHLOCKING RING COLOR 0 = Black (standard) 0 1 = Green 1 2 2 = Red3 3 = Yellow

4

4 = Blue

ARMORED CONTACTS

PERFECTION AT THE HEART OF SVK - SVS - SHD SERIES

	Т	he conta	ects are of ma	chined	high conduct	ive alloy	, gold o	or silver plated	
			CRIM	P CONT	ACTS TYPES A	ND PART	N.		
Size	Connector		Plating	Pa	art N.	Gender		Part N.	Gender
16				SVKP16SFK F		Fema	nale SVKP16SN		C Male
	13/19/25/37/54/85 pin		Silver	-				-	
				SVKP16GFK		Fema	ale	SVKP16GM	C Male
			Gold						
	100/150 pin			SVKP18GFK Fe		Fema	ale SVKP18GM		C Male
18			Gold						
				SVKP20GFK F		Fema	male SVKP20GM		C Male
20	72/101 pin	Gold		THE RESERVE THE PARTY NAMED IN		-	_		
					TACTS TYPES				
Size	Connector		Plating	Part N.		Gender		Part N.	Gender
16	13/19/25/37/54/85 pin		Gold	SVKP16GFZ Fe		Fema	emale SVKP16GN		S Male
10/10/20/01/04/00		PII 1							-
					NTACTS RATIN	-	1		1
Size	Max Curr	ent	Rated Current		Max Voltage Drop		Wire section (mm²)		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
					INECTORS RAT				
Con	tacts number	Opera	Operating voltage		Operating voltage		Test voltage		Min. Flashover
	//·/·-·		Vdc		Vac		Vac		Vac
	/25/150 - 72/101		250		200		1000		1400
3	7/54/85/100		700	1	500		2	000	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