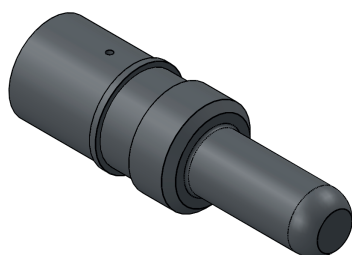
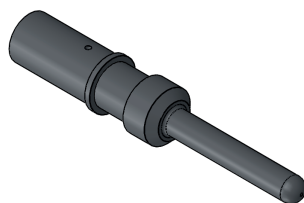
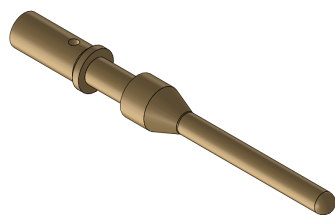


SERIES 927-072 Contacts, Tools, and Accessories



Pin Crimp Contacts

PIN CRIMP CONTACTS



Series 927-072 contacts for size #16s through size #0 wire. Copper alloy with silver or gold plating, terminate to wire with standard crimp tools. Contacts are front-release. Use in series 927-072 connectors.

Pin contact with silver plating. For properties please consult table Materials on page 14 row Item Crimp Socket and Pin Contacts. Highly conductive silver plating is ideal for high current applications.

Pin contact with gold plating is used to improve protection from corrosive environments. For Electric properties, please consult table on page 7.

Pin Crimp Contacts Table				
Size [AWG]	Wire Size [AWG](1)	Wire Size [mm ²]	Silver Pin Contact PN	Gold Pin Contact PN
16S*	22	0.25	D-20-40553	D-21-40553
	20	0.5		
	18	0.75-1		
	16	1.5		
16	22	0.25	D-20-40557	D-21-40557
	20	0.5		
	18	0.75-1		
	16	1.5		
12	16	1.5	D-20-40561	D-21-40561
	14-12	2.5		
8	12	4	D-20-40792	-
	10	6		
	8	10		
4	8	10	D-20-113474-4P	-
	6	16		
	4	25		
0	1	50	D-20-113474-1P	-
	0	-		

* S = short (see length contacts)

(1) Other contact wire size on request, please consult the factory.

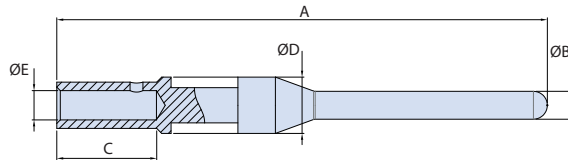
Pin Contact Current Ratings and Resistance			
Contact Size AWG	Max Rated Current [A]		Max Contact Resistance [mΩ]
	IAW N.E.C. (2)	IAW VG95234 (3)	
16-16S	3	3	6.0
	7.5	7.5	
	9	9	
	16	20	
12	16	20	3.0
	30	32	
8	30	32	1.0
	40	42	
	50	60	
4	50	60	0.5
	70	85	
	90	120	
0	132	190	0.3
	155	220	

(2) Non-circuit breaking contacts rated current as per N.E.C. (National Electrical Code) based on arcing control. Use a cable of minimum rated temperature of 90°C.

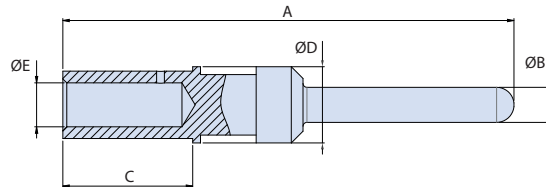
(3) Values extrapolated from rated current chart of VG95234-1, at ambient temperature of 40°C.

Pin Crimp Contacts

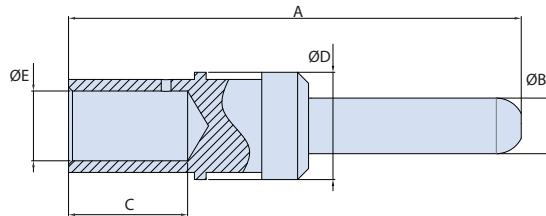
PIN CRIMP CONTACTS



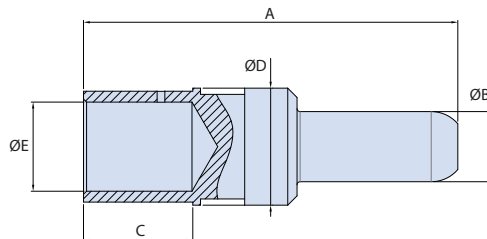
Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
16S	Silver	D-20-40553	31,25	1,57	7,45	3,1	1,7
	Gold	D-21-40553					
16	Silver	D-20-40557	36,65	1,57	7,75	3,1	1,7
	Gold	D-21-40557					
12	Silver	D-20-40561	41,85	2,38	8,5	4,8	2,5
	Gold	D-21-40561					



Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
8	Silver	D-20-40792	46,2	3,59	13,3	7,8	4,5



Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
4	Silver	D-20-113474-4P	46,4	5,7	12,9	11	7,15



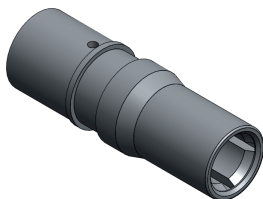
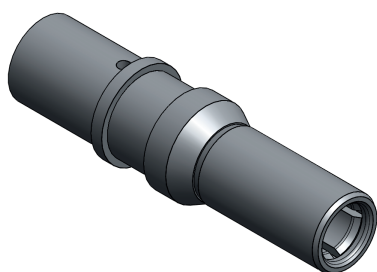
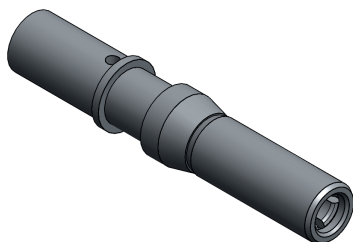
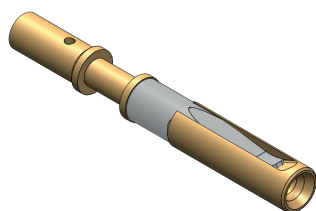
Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
0	Silver	D-20-113474-1P	48,3	9,05	14,1	15,1	11,5

SERIES 927-072 Contacts, Tools, and Accessories



Socket Crimp Contacts

SOCKET CRIMP CONTACTS



Series 927-072 contacts for size #16s through size #0 wire. Copper alloy with silver or gold plating, terminate to wire with standard crimp tools. Contacts are front-release. Use in series 927-072 connectors.

Socket contact with silver plating. For properties please consult table Materials on page 14 row Item Crimp Socket and Pin Contacts. Highly conductive silver plating is ideal for high current applications.

Socket contact with gold plating is used to improve protection from corrosive environments. For Electric properties, please consult table on page 7.

Socket Crimp Contacts Table					
Size [AWG]	Wire Size [AWG](1)	Wire Size [mm ²]	Silver Socket Contact PN	Gold Socket Contact PN	Contact type
16S*	22	0.25	D-30-40552	D-31-40552	Spring clip
	20	0.5			
	18	0.75-1			
	16	1.5			
16	22	0.25	D-30-40556	D-31-40556	Spring clip
	20	0.5			
	18	0.75-1			
	16	1.5			
12	16	1.5	D-30-40560	D-31-40560	Spring clip
	14-12	2.5			
8	12	4	D-30-40793	-	Hood
	10	6			
	8	10			
4	8	10	D-30-113474-4S-1	-	Hood
	6	16			
	4	25			
0	1	50	D-30-113474-1S-3	-	Hood
	0	-			

* S = short (see length contacts)

(1) Other contact wire size on request, please consult the factory.

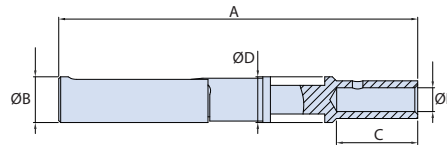
Contact Size AWG	Socket Contact Current Ratings and Resistance		Max Contact Resistance [mΩ]
	Max Rated Current [A]		
	IAW N.E.C. (2)	IAW VG95234 (3)	
16-16S	3	3	6.0
	7.5	7.5	
	9	9	
	16	20	
12	16	20	3.0
	30	32	
8	30	32	1.0
	40	42	
	50	60	
4	50	60	0.5
	70	85	
	90	120	
0	132	190	0.3
	155	220	

(2) Non-circuit breaking contacts rated current as per N.E.C. (National Electrical Code) based on arcing control. Use a cable of minimum rated temperature of 90°C.

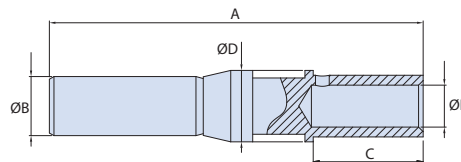
(3) Values extrapolated from rated current chart of VG95234-1, at ambient temperature of 40°C.

Socket Crimp Contacts

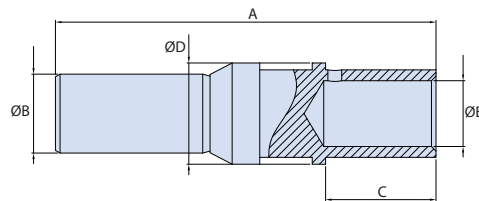
SOCKET CRIMP CONTACTS



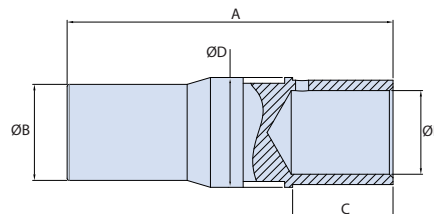
Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
16S	Silver	D-30-40552	26,7	3,2	7,5	3,2	1,7
	Gold	D-31-40552					
16	Silver	D-30-40556	36,5	3,2	7,8	3,2	1,7
	Gold	D-31-40556					
12	Silver	D-30-40560	37,65	4,8	8,5	4,8	2,5
	Gold	D-31-40560					



Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
8	Silver	D-30-40793	40,8	6,45	12	7,8	4,58



Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
4	Silver	D-30-113474-4S-1	41,35	8,57	12	11	7,15



Contact Size	Finish	Part Number	A	ØB	C	ØD	ØE
0	Silver	D-30-113474-1S-3	44,8	13,2	13,8	15,1	11,5