

**Amphenol**  
Amphenol-Tuchel Electronics GmbH

**C091 A and C091 D – IP 67  
Circular Connectors (Cont.)**

**A**

Fig.	No. of Positions	Digi-Key Part No.	Price Each			Amphenol-Tuchel Part No.	
			1	10	50		
<b>Male Receptacles, Front Panel Mount – RoHS Compliant</b>							
4	3 DIN	361-1136-ND	10.01	8.47	7.32	C091 31W003 100 2	
	4 IEC	361-1314-ND	9.03	8.25	7.07	C091 31W004 100 2	
	5 S DIN	361-1315-ND	12.27	11.20	9.60	C091 31W105 100 2	
	6 DIN	361-1138-ND	9.61	8.77	7.52	C091 31W006 100 2	
	7 DIN	361-1317-ND	10.14	9.27	7.94	C091 31W107 100 2	
	7	361-1316-ND	9.75	8.91	7.64	C091 31W007 100 2	
	8 DIN	361-1139-ND	10.50	9.60	8.23	C091 31W008 100 2	
	12	361-1318-ND‡	16.81	15.82	14.34	C091 31W012 200 2	
	14	361-1319-ND‡	17.88	16.83	15.25	C091 31W014 200 2	
	<b>Female Receptacles, Front Panel Mount – RoHS Compliant</b>						
	5	3 DIN	361-1132-ND	10.64	9.71	8.33	C091 31N003 100 2
		4 IEC	361-1298-ND	10.56	9.64	8.27	C091 31N004 100 2
		5 S DIN	361-1299-ND	12.44	11.36	9.74	C091 31N105 100 2
		5 DIN	361-1133-ND	10.72	9.78	8.39	C091 31N005 100 2
6 DIN		361-1134-ND	10.74	9.81	8.41	C091 31N006 100 2	
7 DIN		361-1301-ND	11.92	11.03	9.90	C091 31N107 100 2	
7		361-1300-ND	11.12	10.16	8.71	C091 31N007 100 2	
8 DIN		361-1135-ND	13.31	12.32	11.05	C091 31N008 100 2	
12		361-1302-ND‡	16.48	15.52	14.06	C091 31N012 200 2	
14		361-1303-ND‡	17.72	16.68	15.12	C091 31N014 200 2	
<b>Female Receptacles, Rear Panel Mount – RoHS Compliant</b>							
6		3 DIN	361-1304-ND	10.42	9.52	8.17	C091 31G003 100 2
		4 IEC	361-1305-ND	10.32	9.43	8.08	C091 31G004 100 2
		5 S DIN	361-1307-ND	12.52	11.43	9.80	C091 31G105 100 2
	5	361-1306-ND	10.22	9.34	8.00	C091 31G005 100 2	
	6 DIN	361-1308-ND	10.42	9.52	8.17	C091 31G006 100 2	
	7 DIN	361-1310-ND	11.98	11.09	9.95	C091 31G107 100 2	
	7	361-1309-ND	11.02	10.07	8.63	C091 31G007 100 2	
	8 DIN	361-1311-ND	12.61	11.67	10.47	C091 31G008 100 2	
	12	361-1312-ND‡	16.89	15.89	14.41	C091 31G012 200 2	
	14	361-1313-ND‡	18.71	18.08	16.84	C091 31G014 200 2	
	<b>Male Receptacles, Rear Panel Mount – RoHS Compliant</b>						
	7	3 DIN	361-1140-ND	9.81	8.96	7.68	C091 31C003 100 2
		5 DIN	361-1141-ND	10.84	9.90	8.49	C091 31C005 100 2
		6 DIN	361-1142-ND	10.50	9.60	8.23	C091 31C006 100 2
8 DIN		361-1143-ND	11.28	10.30	8.83	C091 31C008 100 2	
<b>Female Right Angle Cable Mount – RoHS Compliant</b>							
—	3 DIN	361-1330-ND	23.99	23.19	21.59	C091 31F003 100 2	
	4 DIN	361-1331-ND	23.92	23.13	21.53	C091 31F004 100 2	
	5 S DIN	361-1332-ND	25.21	24.38	22.70	C091 31F105 100 2	
	5	361-1333-ND	23.77	22.98	21.40	C091 31F005 100 2	
	6 DIN	361-1334-ND	24.19	23.39	21.77	C091 31F006 100 2	
	7 DIN	361-1335-ND	27.16	26.25	24.44	C091 31F107 100 2	
	7	361-1336-ND	24.19	23.39	21.77	C091 31F007 100 2	
	8 DIN	361-1337-ND	27.20	26.30	24.49	C091 31F008 100 2	
	12	361-1338-ND	30.49	29.47	27.44	C091 31F012 100 2	
	14	361-1339-ND	31.57	30.51	28.41	C091 31F014 100 2	
	<b>Tools</b>						
	Spanner Wrench Cable Side		361-1144-ND		21.00/1		FH 0300 091
	Spanner Wrench Receptacles		361-1145-ND		13.59/1		N 45 091 0001

◆ RoHS Compliant    ‡ Gold Plated    § Straight dip solder type

**44 Series Circular Connectors – IP 65/67**

**Features:** • Long time resistance against environmental impacts • 3 liquid-proof seals • Quick and easy assembly • Quick and easy mating • Protection class IP 65/67 • High reliability • Discrete wire interconnection • Crimp termination • 1, 2, 3, 4, 5, and 6 contact configurations available • Mated Dimension: 56.33mm

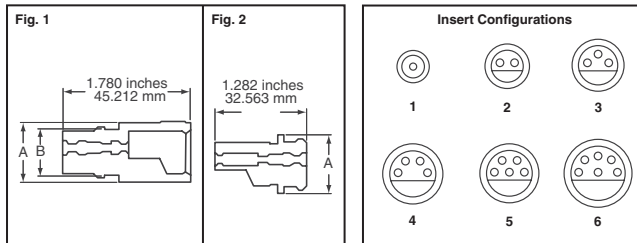


Fig.	No. of Pos.	Dimensions – Inch (mm)		Digi-Key Part No.	Price Each			Amphenol-Tuchel Part No.
		A	B		1	10	50	
<b>Receptacle</b>								
1	1	0.50 (12.62)	0.44 (11.18)	361-1106-ND	6.05	5.01	4.18	044 104 10001 02
	2	0.61 (15.42)	0.47 (11.94)	361-1107-ND	5.17	4.29	3.57	044 104 10002 02
	3	0.71 (17.98)	0.57 (14.48)	361-1108-ND	6.08	5.04	4.20	044 104 10003 02

Fig.	No. of Pos.	Dimensions – Inch (mm)		Digi-Key Part No.	Price Each			Amphenol-Tuchel Part No.
		A	B		1	10	50	
1	4	0.82 (20.80)	0.68 (17.32)	361-1109-ND	6.35	5.26	4.38	044 104 10004 02
	5	0.82 (20.80)	0.68 (17.32)	361-1110-ND	5.27	4.37	3.64	044 104 10005 02
	6	0.93 (23.70)	0.80 (20.22)	361-1111-ND	7.48	6.20	5.17	044 104 10006 02
<b>Plug</b>								
2	1	0.50 (12.62)	—	361-1112-ND	6.35	5.26	4.38	044 103 10001
	2	0.61 (15.42)	—	361-1113-ND	4.30	3.56	2.97	044 103 10002
	3	0.71 (17.98)	—	361-1114-ND	5.05	4.18	3.48	044 103 10003
	4	0.82 (20.80)	—	361-1115-ND	6.73	5.58	4.65	044 103 10004
	5	0.82 (20.80)	—	361-1116-ND	3.14	2.61	2.18	044 103 10005
	6	0.93 (23.70)	—	361-1117-ND	6.97	5.77	4.81	044 103 10006

**Contacts**

Description	Digi-Key Part No.	Price Each			Amphenol-Tuchel Part No.
		1	10	50	
Pin, 14-18AWG, Tin	361-1118-ND	1.40	1.09	.93	44-100-1414P-100(101)
Socket, 14-18AWG, Tin	361-1119-ND	2.28	1.90	1.58	044 102 1414S 100 (101)

**Tools**

Description	Digi-Key Part No.	Price Each	Amphenol-Tuchel Part No.
Crimp for 14-18AWG, pin/socket	361-1120-ND	531.45	357-588
Insertion Tool for pin/socket	361-1121-ND	128.10	356-258
Removal Tool for pin	361-1122-ND	128.10	356-259
Removal Tool for socket	361-1123-ND	128.10	356-260

**Switchcraft®  
EN3® Mini Weathertight Connectors**

**Features:**

• No grommets, cable clamp assembly features living hinges, which snap easily onto and hold the cable  
 • Housing rated UL 94V-0 against flammability • Panel connector shell features a positioning keyway to prevent misalignments • 2 – 8 pins • Exceeds Coast Guard specifications for water tightness (CFR 46 Part 110.20) • Optional cap covers the panel housing assembly when not in use • Contact terminal: Solder cup contacts • Choose cord plug, in-line or panel mount

**Applications:**

• Process control • Communications • Marine electronics • Transportation • Medical instrumentation  
 • General industrial electronics • Geothermal instrumentation • Harsh environments

**Specifications:**

**Mechanical:** • Shock: Mil-Std 202 Method 213B condition K • Vibration: Mil-Std 202 Method 201 • Life: 600 insertion/withdrawal cycles (minimum) **Electrical:** • Voltage Rating (sea level): Tested at 600 VRMS  
 • Insulation Resistance: 100MΩ (minimum) at 77°F (25°C) • Contact Resistance: 5mΩ (maximum)  
 • Current Rating: 7.5 Amps (#20 contact) **Environmental:** • Temperature Limits: -40°C – 65°C (non-operating) • Moisture Resistance: Mil-Std 202 Method 106F • Insulation Resistance: Mil-Std 202 Method 302 condition B • Thermal Shock: Mil-Std 202 Method 107G • Salt Spray: Mil-Std 202 Method 101D condition B

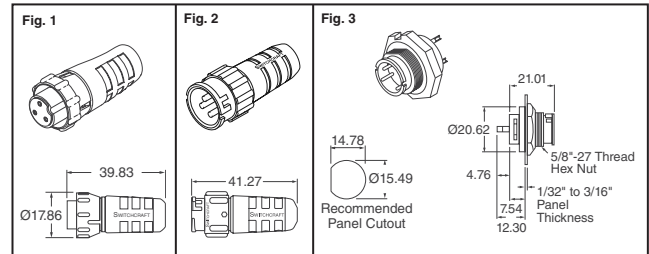


Fig.	No. of Positions	Description	Digi-Key Part No.	Price Each			Switchcraft Part No.	
				1	10	25		
<b>Plugs</b>								
1	3	Female	SC251-ND◆	7.92	5.94	5.45	EN3C3FX	
	3	Male	SC252-ND◆	5.66	4.25	3.90	EN3C3MX	
	4	Female	SC253-ND◆	9.27	6.96	6.39	EN3C4FX	
	4	Male	SC254-ND◆	6.46	4.85	4.45	EN3C4MX	
	5	Female	SC255-ND◆	10.26	7.70	7.06	EN3C5FX	
	5	Male	SC256-ND◆	7.04	5.28	4.84	EN3C5MX	
	6	Female	SC257-ND◆	12.35	9.27	8.49	EN3C6FX	
	6	Male	SC1163-ND	7.81	5.86	5.38	EN3C6M	
	6	Male	SC258-ND◆	7.81	5.86	5.38	EN3C6MX	
	8	Female	SC259-ND◆	15.54	11.66	10.70	EN3C8FX	
	<b>In-Line Receptacles</b>							
	2	3	Female	SC269-ND◆	7.59	5.69	5.22	EN3L3FX
3		Male	SC270-ND◆	5.29	3.97	3.64	EN3L3MX	

◆ RoHS Compliant

(Continued)

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