

# AVX I/O and FFC Connectors

RoHS Compliant This product is RoHS compliant.



RoHS Compliant

## 9157 SERIES I/O CONNECTORS

### Features:

- Patented 20° angled face on socket gives self-cleaning face when mated with plug
- Metal Latching area integral to socket which saves PCB real estate
- Integral to socket is a mechanical 50Ω switching coax SMT termination

### Specifications:

- 15 signal contacts on 1mm pitch rated at 1.5A
- RoHS compliant per AVX documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Description	Price Each			
				1	10	25	50
581-109157015000006	109157015000006	A	15P Plug Solder Wire	7.71	6.37	5.65	5.10
581-109157019000006	109157019000006	B	19P Plug Solder Wire	5.56	4.94	4.48	4.24
581-209157015000006	209157015000006	C	15P Socket, 90° SMT	4.21	3.48	3.30	3.19
581-209157015001006	209157015001006	D	15P Socket, 90° SMT with RF contact	5.44	4.32	3.26	2.94
581-209157019000006	209157019000006	E	19P Socket, 90° SMT	7.37	5.85	4.42	3.98
581-309157970000035	309157970000035	F	Cover Kit Screw with Press-fit Version	5.58	4.77	4.37	4.04

## 9257 SERIES REDUCED SIZE I/O CONNECTORS

### Features:

- No latching is required due to click design of contacts
- Compact size to optimize PCB real estate
- Metal outer cover provides integrated PCB location and solder tab

### Specifications:

- 5K mating cycles and 1A rated
- Socket houses 16 contacts, 2 rows on 1.25mm pitch
- Socket has rating 1 Amp per contact
- RoHS compliant per AVX documentation



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MOUSER STOCK NO.	AVX Part No.	Fig.	Description	Price Each			
				1	10	25	50
581-109257016001003	109257016001003	G	Plug 16 Way Dual Sided	3.63	2.91	2.64	2.36
581-209257016001013	209257016001013	H	Socket 16 Way	5.54	4.92	4.78	4.65

## FFC SMT CONNECTORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	No. of Contacts	Profile Height (mm)	Contact Location	Price Each			
						1	25	50	100
<b>.5mm - ZIF Right Angle</b>									
581-046277003001883+	046277003001883+	I	3	0.9	Dual Side	1.23	1.22	1.20	.96
581-046277004001883+	046277004001883+	I	4	0.9	Dual Side	1.75	1.64	1.52	1.33
581-046298004000883+	046298004000883+	J	4	0.9	Bottom	2.21	1.98	1.75	1.47
581-046277005001883+	046277005001883+	I	5	0.9	Dual Side	1.20	1.11	1.02	.83
581-046298005000883+	046298005000883+	J	5	0.9	Bottom	.78	.78	.71	.66
581-046277006001883+	046277006001883+	I	6	0.9	Dual Side	1.89	1.66	1.43	1.26
581-046298006000883+	046298006000883+	J	6	0.9	Bottom	1.00	.97	.94	.91
581-046298008100883+	046298008100883+	J	8	0.9	Bottom	1.44	1.37	1.29	1.17
581-046288008000846+	046288008000846+	K	8	2.0	Bottom	1.18	1.06	1.00	.888
581-046298009100883+	046298009100883+	J	9	0.9	Bottom	1.76	1.68	1.60	1.46
581-046288010000846+	046288010000846+	K	10	2.0	Bottom	1.47	1.33	1.25	1.11
581-046298011100883+	046298011100883+	J	11	0.9	Bottom	2.11	2.04	1.96	1.85
581-046288012000846+	046288012000846+	K	12	2.0	Bottom	1.53	1.51	1.50	1.20
581-046288015000846+	046288015000846+	K	15	2.0	Bottom	1.55	1.40	1.31	1.16
581-046288016000846+	046288016000846+	K	16	2.0	Bottom	1.59	1.43	1.34	1.19
581-046288020000846+	046288020000846+	K	20	2.0	Bottom	1.70	1.53	1.43	1.27
581-046288024000846+	046288024000846+	K	24	2.0	Bottom	1.85	1.66	1.56	1.38
581-046288026000846+	046288026000846+	K	26	2.0	Bottom	2.58	2.03	1.97	1.76
581-046288030000846+	046288030000846+	K	30	2.0	Bottom	2.18	1.96	1.84	1.63
581-086210033340800+	086210033340800+	K	33	2.0	Bottom	4.01	3.17	2.92	2.67
581-046288040000846+	046288040000846+	K	40	2.0	Bottom	2.51	2.26	2.12	1.88
581-046288050000846+	046288050000846+	K	50	2.0	Bottom	2.68	2.63	2.46	2.19
581-046240054005800+	046240054005800+	K	54	2.0	Bottom	3.65	3.00	2.80	2.67
581-046288055000846+	046288055000846+	K	55	2.0	Bottom	3.22	3.00	2.71	2.41
581-046288060000846+	046288060000846+	K	60	2.0	Bottom	3.92	3.53	3.31	2.94
<b>1.0mm - ZIF Right Angle</b>									
581-006200509130000+	006200509130000+	L	9	2.9	Bottom	1.71	1.43	1.26	1.14
<b>1.25mm - LIF Right Angle</b>									
581-006207341914000+	006207341914000+	M	14	3.5	Dual Side	2.03	1.82	1.46	1.08
581-08370167000800	008370167000800	N	16	4.2	Dual Side	.80	.70	.67	.61

