	Width (mm)	Tolerance (mm)	Length (mm)	Tolerance (mm)	Height (mm)	Tolerance (mm)	Comment
SVX4	6.421	0.050	9.165	0.100	0.380	0.040	W.Wester's mail of 12/7/01
Finger	1.1700	0.0825	9.000	0.100	0.380	0.040	finger design not completed
Hybrids							
10-chip Hybrid axial	41.900	0.100	50.000	0.100	0.800	0.100	0.38 mm Beryllia ceramic, flatness = .050 mm
10-chip Hybrid stereo	43.790	0.100	50.000	0.100	0.800	0.100	0.38 mm Beryllia ceramic, flatness = .050 mm
6-chip Hybrid	24.980	0.100	45.000	0.100	0.800	0.100	0.38 mm Beryllia ceramic, flatness = .050 mm
2-chip Hybrid	17.900	0.100	37.000	0.100	0.700	0.050	0.38 mm Beryllia ceramic, flatness = .050 mm
AVX-50	4.800	0.200	15.600	0.600	3.100	0.300	plug, part # 14-5046-050-030-829, http://www.av
1812 capacitor	3.200	0.200	4.500	0.200	1.700		HV cap 5.6 nF @ 2000V, used with first 25 L1 pr
1210 capacitor	1.600	0.200	3.200	0.200	1.270		HV cap 3.9 nF @ 1500V ATC
0603 capacitor	0.810	0.150	1.600	0.150	0.900		
0402 capacitor	0.500	0.100	1.000	0.100	0.600		
RTD	0.750		1.520		0.310		Honeywell, surface mounted
Digital Cable							
cable, center	14.700	0.100	various		0.200	0.030	max length ~ 1 m
cable, AVX-50 connecto	14.700	0.100	11.000		0.300		length 11 mm from the center of connector, G10 I
AVX-50, hybrid end	4.800	0.200	15.600	0.600	3.100	0.300	receptacle, part # 24-5046-050-000-829, http://w
AVX-50, junction card e	4.800	0.200	15.600	0.600	3.100	0.300	plug, part # 14-5046-050-030-829, http://www.av
AVX-50, junction card e	4.800	0.200	15.600	0.600	3.600	0.300	plug, part # 14-5046-050-035-829, http://www.av
AVX-50, junction card e	4.800	0.200	15.600	0.600	4.100	0.300	plug, part # 14-5046-050-040-829, http://www.av
gap between cables					0.150		
stack of 5					1.500		Thickness cannot exceed 2.0 mm
Analogue Cable							
center	13.950	0.050	max 425	0.100	0.060	0.005	constant pitch 0.091mm
connector end	13.950	0.050			0.250		
gap							
stack of 6					3.000	0.100	Thickness cannot exceed xx mm
spacer	13.500	0.100	max 405	0.500	0.200	0.020	polypropylene mesh from McMaster
Twisted Pair	6.000	0.100					outer diameter

2 coax cables							terminated with MMX, AC side
3 AWG26 pairs							Omnetics SSB 6 pins with guide post and center
21 AWG34 pairs in common shielding							Omnetics NS-D dual 44 pins, AC side
overall shielding							
Junction Card L0-1	25		97		8		3 channels
AVX-50	4.800	0.200	15.600	0.600	3.100	0.300	receptacle, part # 24-5046-050-000-829, http://w
Junction Card L2-5	25		70		6		2 channels
AVX-50	4.800	0.200	15.600	0.600	3.100	0.300	receptacle, part # 24-5046-050-000-829, http://w
Adapter Card 4-ch.	75		170		10		option with 3 rings x 37 columns of AC at Horseshoe
Adapter Card 4-ch.	75		183		10		option with 3 rings x 34 columns of AC at Horseshoe
Adapter Card 6-ch.	75		268		10		option with 3 rings x 34 columns of AC at Horseshoe

9/18/01	First entry of parameters
11/20/01	"10-chip Hybrid axial" width changed from 40.69 mm to 41.90 mm
11/20/01	"6-chip Hybrid" width changed from 24.70 mm to 24.98 mm
11/20/01	"Finger" width changed from 1.0825 mm to 1.17 mm
11/20/01	"Finger" length changed from 9.1 mm to 9.8 mm
11/20/01	"SVX4" width changed from 6.45 mm to 6.50 mm
12/5/01	AN, revised chip, finger, hybrid and digital cable specs
3/5/02	AN, added analog cable, junction card, digital jumper cable info

xcorp.com/ProdInfo_Listing.asp
·ototypes

backing
ww.avxcorp.com/ProdInfo_Listing.asp
xcorp.com/ProdInfo_Listing.asp
xcorp.com/ProdInfo_Listing.asp
xcorp.com/ProdInfo_Listing.asp

latch, AC side

ww.avxcorp.com/ProdInfo_Listing.asp

ww.avxcorp.com/ProdInfo_Listing.asp