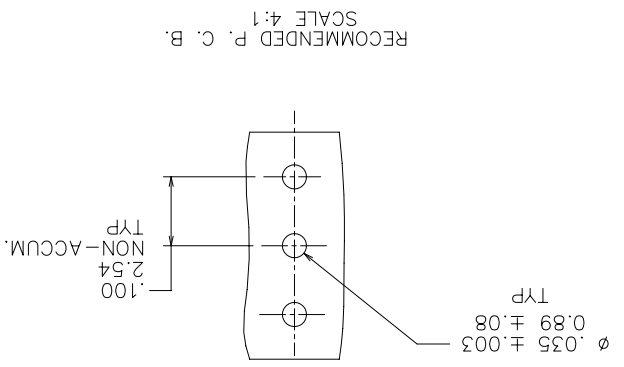


PRODUCT NUMBER
SEE TABLE



NOTES.

1. HOUSING MATERIAL: FILLED POLYESTER, FLAME RETARDANT PER UL 94V-0. COLOR: BLACK.
2. TERMINAL MATERIAL AND PLATING: SEE TABULATION
3. RECOMMENDED PIN SIZE: .25±.001/0.65±0.03.
4. RECOMMENDED PIN LENGTH: .210±.020/5.33±0.51.
5. MARK FCI PART NUMBER AND DATE CODE LEGIBLE ON TUBE LABEL.
6. STAND-OFF CONFIGURATION BUMP OR RIB AT MANUFACTURERS OPTION.
7. SOLDER TAIL IS POST PLATED GOLD. THE "V" SHAPED TIP OF SOLDER TAIL ALLOWED BARE EDGES DUE TO CUT-OFF.
8. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
11. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

mat'l. code		ISO 1302	ISO 1101	ISO 406	projection	product family	CARD CONN
tr	ecn no	dr	date	tolerances unless otherwise specified	XX±.01/XX.3	INCH/MM	title
V				inches	XXXX.005/XXXX.13		VERT. CARD CONNECTOR
				mm	XXXX.020/XXXX.051	scale 4:1	.100/2.54 CTR. SINGLE ROW
				dr	R. SEIPLE	8/11/98	sheet 2 of 6 size
				engr	M. HAHN	8/11/98	65780
				chr	M. HAHN	8/11/98	A3
				ppd	M. HAHN	8/11/98	Product Customer Drawing
sheet	revision						
index							

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B

A



PRODUCT NO	SIZE	DIM A	DIM B	MATERIAL AND PLATING	LEAD FREE OPTION
65780-001				UNASSIGNED	
-002	1 X 2	.100/2.54	.200/5.08		
-003	1 X 3	.200/5.08	.300/7.62	BODY MATERIAL: BRASS BODY PLATING: 40u"/1.02u MIN THICKNESS C. I. GOLD INSIDE CONTACT AREA. 10u"/.25u MIN GOLD ON REST OF TERMINAL BODY OVER 50u"/1.27u MIN NICKEL	
-004	1 X 4	.300/7.62	.400/10.16		
-005	1 X 5	.400/10.16	.500/12.70		
-006	1 X 6	.500/12.70	.600/15.24		
-007	1 X 7	.600/15.24	.700/17.78	SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: GOLD FLASH	
-008	1 X 8	.700/17.78	.800/20.32		
-009	1 X 9	.800/20.32	.900/22.86		
-010	1 X 10	.900/22.86	1.000/25.40		
-011	1 X 11	1.000/25.40	1.100/27.94		
-012	1 X 12	1.100/27.94	1.200/30.48		
-013	1 X 13	1.200/30.48	1.300/33.02		
-014	1 X 14	1.300/33.02	1.400/35.56		
-015	1 X 15	1.400/35.56	1.500/38.10		
-016	1 X 16	1.500/38.10	1.600/40.64		
-017	1 X 17	1.600/40.64	1.700/43.18		
-018	1 X 18	1.700/43.18	1.800/45.72		
-019	1 X 19	1.800/45.72	1.900/48.26		
-020	1 X 20	1.900/48.26	2.000/50.80		
-021	1 X 21	2.000/50.80	2.100/53.34		
-022	1 X 22	2.100/53.34	2.200/55.88		
-023	1 X 23	2.200/55.88	2.300/58.42		
-024	1 X 24	2.300/58.42	2.400/60.96		
-025	1 X 25	2.400/60.96	2.500/63.50		
-026	1 X 26	2.500/63.50	2.600/66.04		
-027	1 X 27	2.600/66.04	2.700/68.58		
-028	1 X 28	2.700/68.58	2.800/71.12		
65780-029	1 X 29	2.800/71.12	2.900/73.66		

NOTE 8, 9

NOTE 8, 9

mat'l. code	ISO 1302	surface	tolerance	ISO 406	ISO 1101	projection	product family	CARD CONN
itr	ecn no	dr	date	tolerances unless otherwise specified	.xxx,01/.xx,3	INCH/MM	VERT. CARD CONNECTOR	
V		angles	ingr	xxxx,0.005/xxx,13				
		0°±2'		xxxx,0020/xxxx,051		scale 4:1		
		dr	R. SEIPLE	8/11/98		dwg no	65780	
		engr	M. HAHN	8/11/98		sheets of 6 size	A3	
		chr	M. HAHN	8/11/98		Product Customer Drawing		
		pppd	M. HAHN	8/11/98				
sheet	revision	index						

NOTE 8, 9

NOTE 8, 9



PRODUCT NO	SIZE	DIM A	DIM B	MATERIAL AND PLATING	LEAD FREE OPTION
65780-030	1 X 30	2.900/73.66	3.000/76.20	UNASSIGNED	
-031	1 X 31	3.000/76.20	3.100/78.74	BODY MATERIAL: BRASS BODY PLATING: 40u"/1.02u MIN THICKNESS	
-032	1 X 32	3.100/78.74	3.200/81.28	C. I. GOLD INSIDE CONTACT AREA. 10u"/.25u MIN GOLD ON REST OF TERMINAL BODY OVER 50u"/1.27u MIN NICKEL.	
-034	1 X 34	3.300/83.82	3.400/86.36	SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: GOLD FLASH	
-035	1 X 35	3.400/86.36	3.500/88.90	UNASSIGNED	
-037				UNASSIGNED	
-038	1 X 2	1.00/2.54	.200/5.08	BODY MATERIAL: BRASS BODY PLATING: 100u"/2.54u THICK Sn PLATE.	
-039	1 X 3	.200/5.08	.300/7.62		
-040	1 X 4	.300/7.62	.400/10.16		
-041	1 X 5	.400/10.16	.500/12.70	SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: 30u"/.76u MIN ELECTROLESS TIN.	
-042	1 X 6	.500/12.70	.600/15.24		
-043	1 X 7	.600/15.24	.700/17.78		
-044	1 X 8	.700/17.78	.800/20.32		
-045	1 X 9	.800/20.32	.900/22.86		
-046	1 X 10	.900/22.86	1.000/25.40		
-047	1 X 11	1.000/25.40	1.100/27.94		
-048	1 X 12	1.100/27.94	1.200/30.48		
-049	1 X 13	1.200/30.48	1.300/33.02		
-050	1 X 14	1.300/33.02	1.400/35.56		
-051	1 X 15	1.400/35.56	1.500/38.10		
-052	1 X 16	1.500/38.10	1.600/40.64		
-053	1 X 17	1.600/40.64	1.700/43.18		
-054	1 X 18	1.700/43.18	1.800/45.72		
-055	1 X 19	1.800/45.72	1.900/48.26		
-056	1 X 20	1.900/48.26	2.000/50.80		
-057	1 X 21	2.000/50.80	2.100/53.34		
65780-058	1 X 22	2.100/53.34	2.200/55.88		

OBS

mat'l. code	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified	.xxx/.01/.xx.3	INCH/MM	title	VERT. CARD CONNECTOR
	ngles			indeg	.xxx/.005/.xxx.13	scale 4:1	dwg no	65780
				0°±.2°	xxxx.0020/xxxx.051		sheet 4 of 6 size	A3
	dr						engr	M.HAHN
	chr						ppd	M.HAHN
	ppd							8/11/98
sheet	revision							8/11/98
index								

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PRODUCT NO	SIZE	DIM A	DIM B	MATERIAL AND PLATING	LEAD FREE OPTION
65780-088	1 X 16	1.500/38.10	1.600/40.64	UNASSIGNED	
-089	1 X 17	1.600/40.64	1.700/43.18	BODY MATERIAL: Cu BODY PLATING: 10u"/.25u Au FLASH INSIDE CONTACT AREA ONLY, WITH SPRING MAT'L: BeCu HEAT TREATED .001/.03 MIN HIGH Au DOT	NOTE 8, 9
-090	1 X 18	1.700/43.18	1.800/45.72		
-091	1 X 19	1.800/45.72	1.900/48.26		
-092	1 X 20	1.900/48.26	2.000/50.08	SPRING PLATING: GOLD FLASH	
-093	1 X 21	2.000/50.08	2.100/53.34		
-094	1 X 22	2.100/53.34	2.200/55.88		
-095	1 X 23	2.200/55.88	2.300/58.42		
-096	1 X 24	2.300/58.42	2.400/60.96		
-097	1 X 25	2.400/60.96	2.500/63.50		
-098	1 X 26	2.500/63.50	2.600/66.04		
-099	1 X 27	2.600/66.04	2.700/68.58		
-100	1 X 28	2.700/68.58	2.800/71.12		
-101	1 X 29	2.800/71.12	2.900/73.66		
-102	1 X 30	2.900/73.66	3.000/76.20		
-103	1 X 31	3.000/76.20	3.100/78.74		
-104	1 X 32	3.100/78.74	3.200/81.28		
-105	1 X 33	3.200/81.28	3.300/83.82		
-106	1 X 34	3.300/83.82	3.400/86.36		
-107	1 X 35	3.400/86.36	3.500/88.90		
-108	1 X 36	3.500/88.90	3.600/91.44		
-109	1 X 4	.300/7.62	.400/10.16	BODY MATERIAL: BRASS BODY PLATING: 100u"/2.54u THICK Sn PLATE. SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: 30u"/.76u MIN ELECTROLESS TIN.	NOTE 8, 9 & 11
65780-110	1 X 5	.400/10.16	.500/12.70		
65780-111	1 X 8	.700/17.78	.800/20.32	BODY MATERIAL: BRASS BODY PLATING: 40u"/1.02u Au IN CONTACT AREA ONLY, REMAINDER OF BODY .003u/.08u Au. SOLDER TAIL: POST PLATED GOLD SPRING: BeCu HEAT TREATED SPRING PLATING: GOLD FLASH	NOTE 8, 9

mat'l. code	surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection	product family	CARD CONN
itr	ecn no	dr	date	tolerances unless otherwise specified	XXXX.01/XX.3	title	CARD CONNECTOR
	ngles	inogr	XXXX.005/XXX.13		INCH/MM	VERT. CARD CONNECTOR	
	0±.2		XXXX.020/XXX.051		scale 4:1		
	dr	R. SEIPLE	8/11/98		dwg no	65780	sheet 6 of 6 size
	engr	M. HAHN	8/11/98		type	Product Customer Drawing	
	chr	M. HAHN	8/11/98				
	pppd	M. HAHN	8/11/98				
sheet	revision						
index							

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