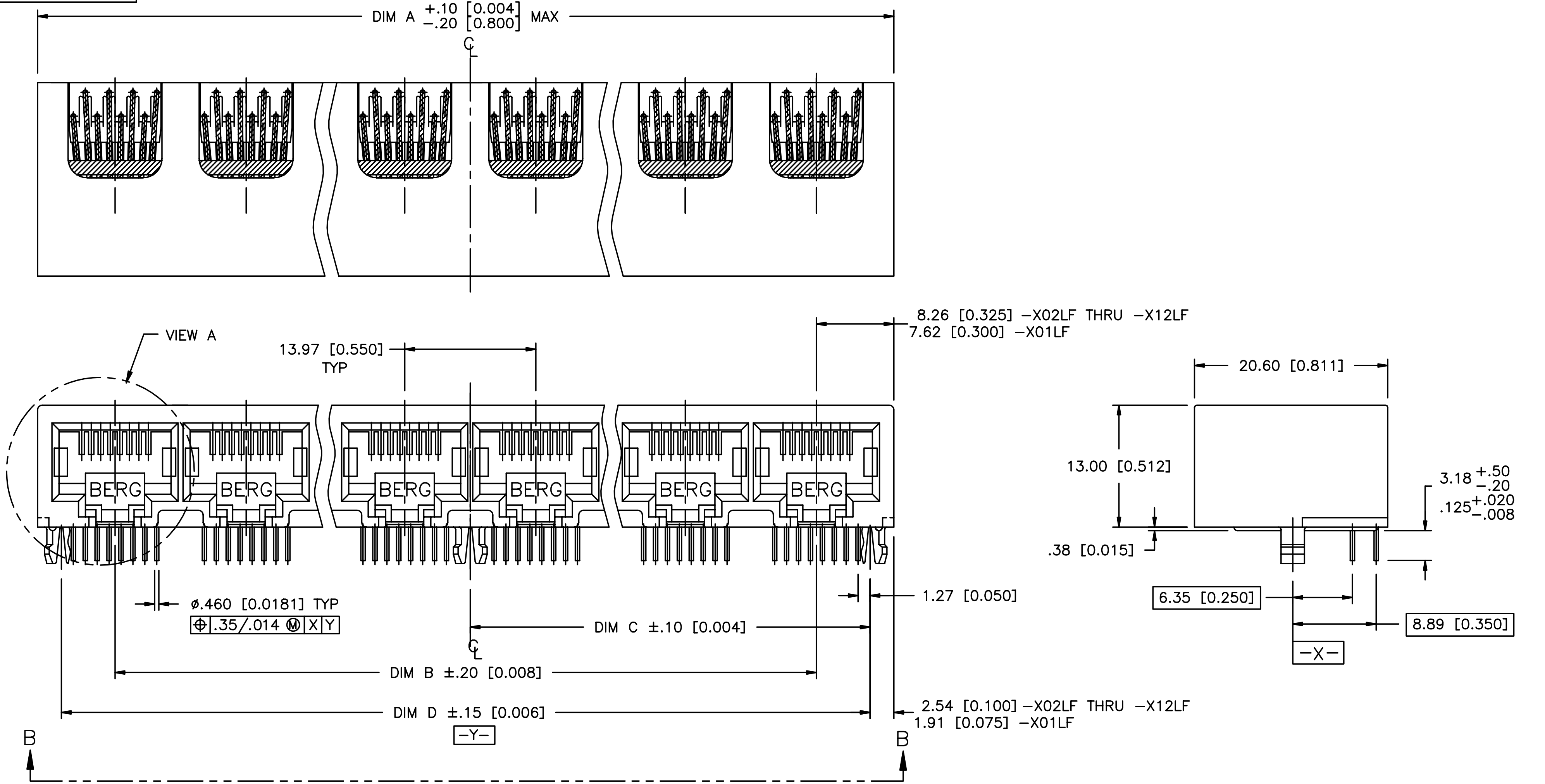
PRODUCT NO.
94911-XXXLF
94911-XXXHLF



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01	projection	title R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
H	T80171	CATHY	6/10/98		.XX±.13/.XXX ±.005		
J	V81304	RGD	7/13/98		.XXX±.051/.XXXX ±.0020		
K	N04-0119	MHT	12/9/04	angles	0° ±2°	MM/INCH	product family MOD JACK; code –
L	N08-0100	SH	9/25/08	dr	KCHOU 5/5/94		size A; dwg no 94911
M	N08-0273	SH	12/25/08	engr	TC 5/5/94		
				chr	JTSAO 5/5/94	scale 1:1	sheet 1 of 6
				appd	JTSAO 5/5/94		

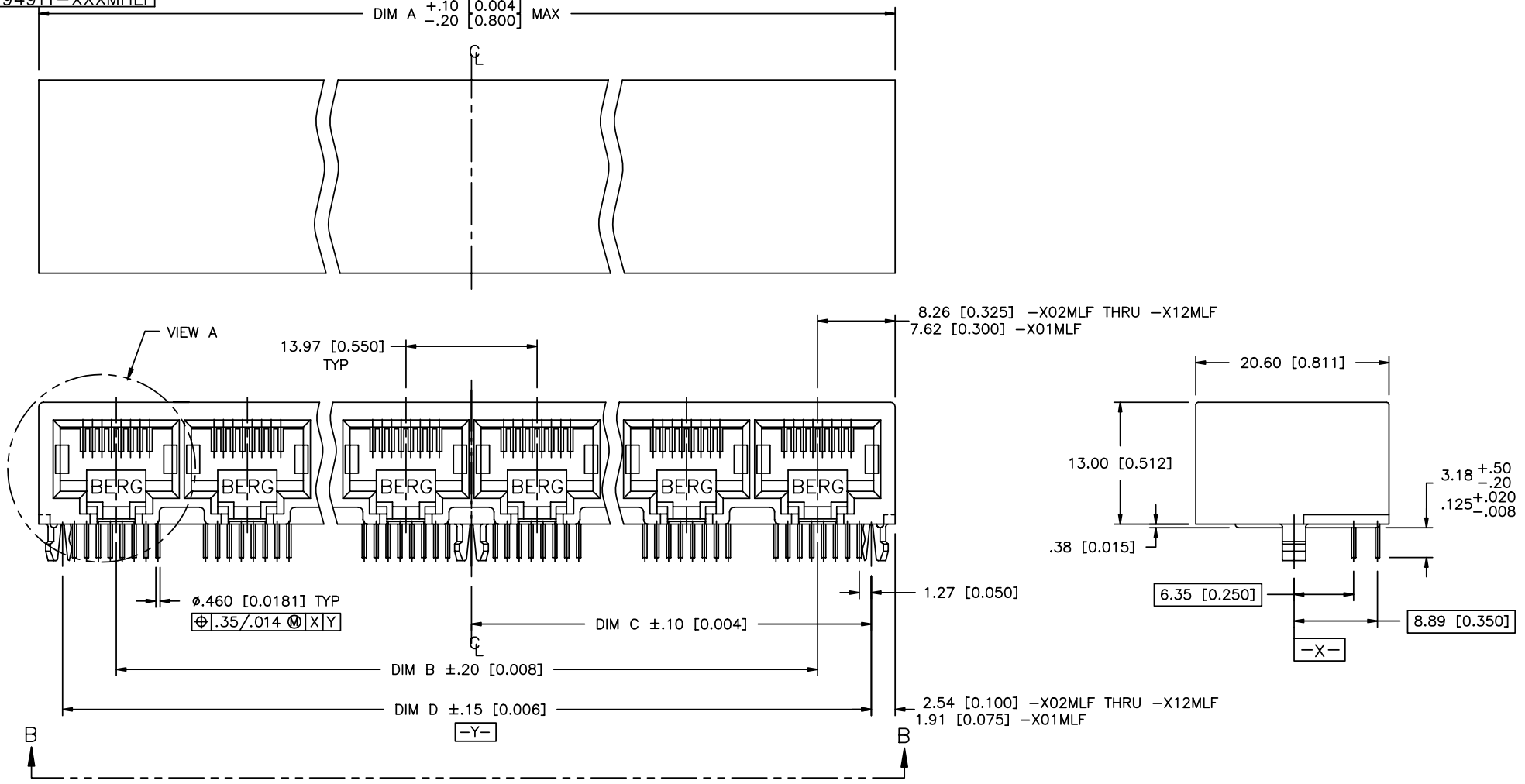
sheet index	revision	K	J	J	J	J
	sheet	1	2	3	4	5

cage code 22526

ACAD

PDM: Rev:M STATUS: Released Printed: Feb 20, 2010

PRODUCT NO.
94911-XXXMLF
94911-XXXMHLF



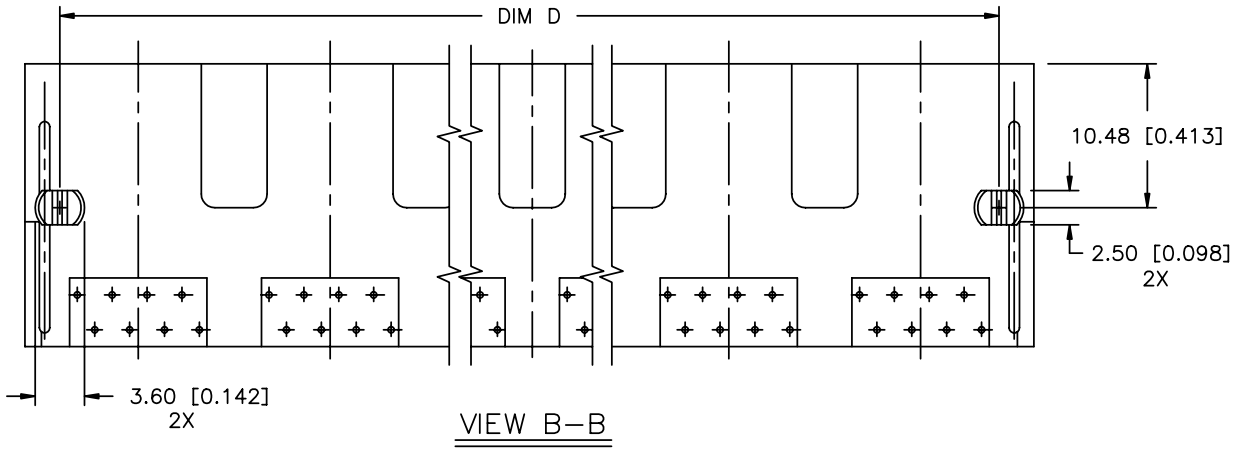
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01			
M					.XX±.13/.XXX ±.005		projection	title
					.XXX±.051/.XXXX ±.0020			R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
				angles	0° ±2°			
				dr	KCHOU	5/5/94	MM/INCH	product family MOD JACK / code —
				engr	TC	5/5/94		size A / dwg no 94911
				chr	JTSAO	5/5/94	scale 1:1	sheet 2 of
				appd	JTSAO	5/5/94		
sheet index	revision sheet							

PDM: Rev:M STATUS:Released Printed Feb 20, 2010

ACAD

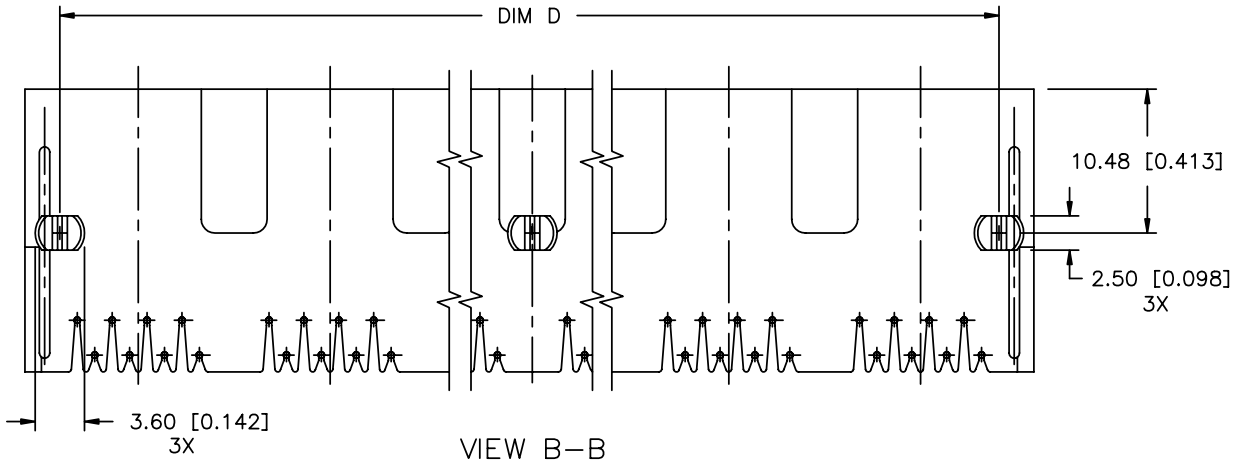
cage code 22526

PRODUCT NO.
SEE TABLE



VIEW B–B

–XXXLF PRODUCT ONLY (WITHOUT CENTER PEG – SEE NOTE 4)



VIEW B–B

–XXXMLF PRODUCT ONLY (WITH CENTER PEG – SEE NOTE 3)

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01			
M					.XX±.13/.XXX ±.005		projection	title
					.XXX±.051/.XXXX ±.0020			R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
				angles	0° ±2°			
				dr	KCHOU	5/5/94	MM/INCH	product family MOD JACK / code –
				engr	TC	5/5/94		size A / dwg no 94911
				chr	JTSAO	5/5/94	scale 1:1	sheet 3 of
				appd	JTSAO	5/5/94		
sheet index	revision sheet							

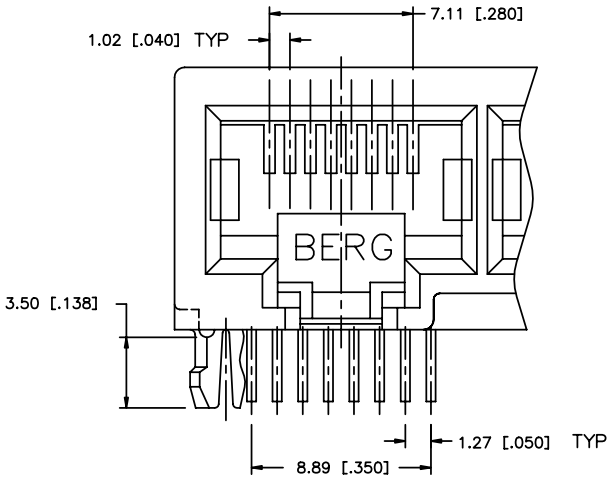
PDM: Rev:M STATUS:Released Printed Feb 20, 2010

ACAD

cage code 20526 22602

PRODUCT No.	NO OF PORTS	DIM A +.10 [0.004] −.20 [0.008]	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]
94911−X01MLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02MLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03MLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04MLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05MLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06MLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07MLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08MLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X08LLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09MLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10MLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11MLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12MLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

PRODUCT No.	NO OF PORTS	DIM A +.10 [0.004] −.20 [0.008]	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]
94911−X01LF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02LF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03LF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04LF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05LF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06LF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07LF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08LF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09LF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10LF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11LF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12LF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]



VIEW A
SCALE: 2/1

NOTES

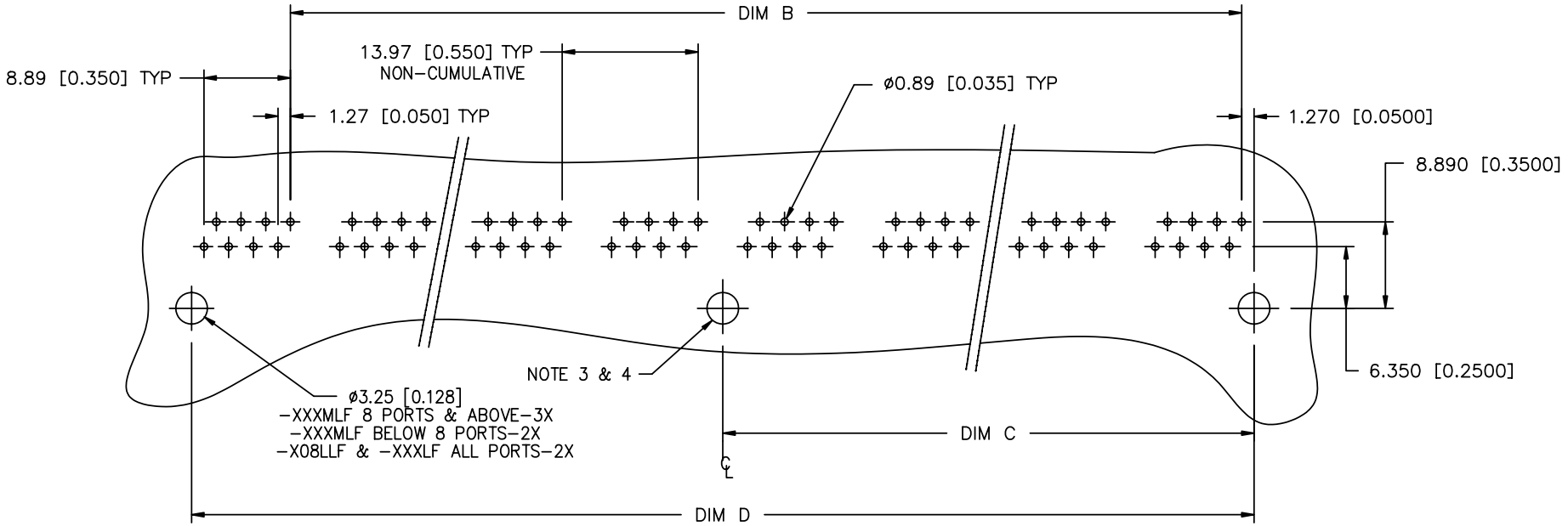
1. APPLICABLE PC BOARD THICKNESS: 1.60 [0.062].
2. CONTACTS: PHOSPHOR BRONZE ALLOY UNS−C51000, ø.460 [0.0181] ROUND WIRE, SEE TABLE FOR PLATING.
3. CENTER PEG FOR 8 PORTS AND ABOVE, (−XXXMLF PRODUCT ONLY).
4. NO CENTER PEG FOR P/N 94911−008LLF, AND −XXXLF PRODUCT.
5. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS−22−008.
7. THE HOUSING WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 15 SECONDS IN A CONVENTION INFRA−RED OR VAPOR PHASE REFLOW OVEN.
8. EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR .

⑧

PLATING CODE X	PLATING
0	.76uM/30u" G.X.T.
1	.38uM/15u" GOLD
3	.76uM/30u" GOLD
5	1.27uM/50u" GOLD

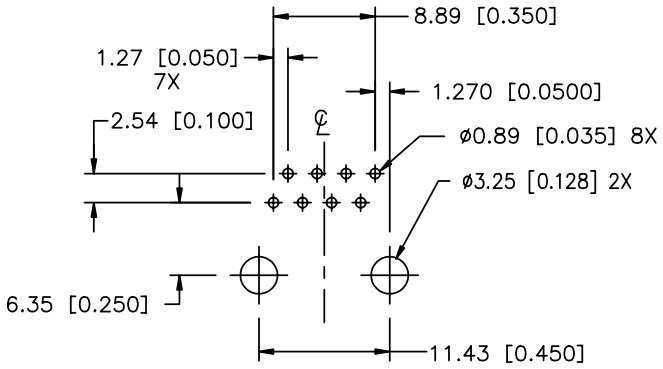
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01			
M					.XX±.13/.XXX ±.005		projection	title
					.XXX±.051/.XXXX ±.0020			R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
				angles	0° ±2°			
				dr	KCHOU	5/5/94	MM/INCH	product family MOD JACK / code —
				engr	TC	5/5/94		size A / dwg no 94911
				chr	JTSAO	5/5/94	scale 1:1	sheet 4 of
				appd	JTSAO	5/5/94		
sheet index	revision sheet							

PRODUCT NO
SEE TABLE



RECOMMENDED PC BOARD LAYOUT

(2 THRU 12 PORTS)



RECOMMENDED PC BOARD LAYOUT

(1 PORT)

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01			
M					.XX±.13/.XXX ±.005		projection	title: R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
					.XXX±.051/.XXXX ±.0020			
				angles	0° ±2°			
				dr	KCHOU	5/5/94	MM/INCH	product family: MOD JACK; code: –
				engr	TC	5/5/94		size: A; dwg no: 94911
				chr	JTSAO	5/5/94	scale 1:1	sheet 5 of
				appd	JTSAO	5/5/94		
sheet index	revision sheet							

cage code 20526

PDM: Rev:M STATUS: Released Printed Feb 20, 2010

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PRODUCT No.	NO OF PORTS	DIM A +.10 [0.004] −.20 [0.008]	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]
94911−X01MHLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02MHLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03MHLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04MHLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05MHLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06MHLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07MHLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08MHLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X08LHLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09MHLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10MHLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11MHLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12MHLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

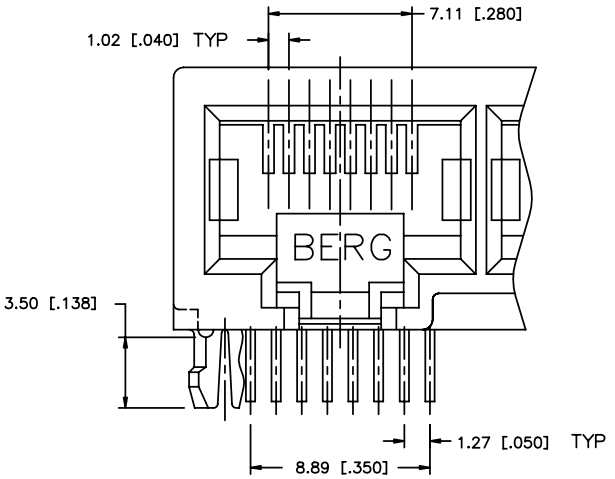
MEETS PIP PROCESS PRODUCT NO.

PRODUCT No.	NO OF PORTS	DIM A +.10 [0.004] −.20 [0.008]	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]
94911−X01HLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02HLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03HLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04HLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05HLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06HLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07HLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08HLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09HLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10HLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11HLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12HLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

MEETS PIP PROCESS PRODUCT NO.

⑧

PLATING CODE X	PLATING
0	.76uM/30u" G.X.T.
1	.38uM/15u" GOLD
3	.76uM/30u" GOLD
5	1.27uM/50u" GOLD



VIEW A
SCALE: 2/1

NOTES

1. APPLICABLE PC BOARD THICKNESS: 1.60 [0.062].
2. CONTACTS: PHOSPHOR BRONZE ALLOY UNS−C51000, ø.460 [0.0181] ROUND WIRE, SEE TABLE FOR PLATING.
3. CENTER PEG FOR 8 PORTS AND ABOVE, (−XXXMLF PRODUCT ONLY).
4. NO CENTER PEG FOR P/N 94911−008LLF, AND −XXXLF PRODUCT.
5. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS−22−008.
7. THE HOUSING WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 15 SECONDS IN A CONVENTION INFRA−RED OR VAPOR PHASE REFLOW OVEN.
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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3/.XX ±.01			
M					.XX±.13/.XXX ±.005		projection	title
					.XXX±.051/.XXXX ±.0020			R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
				angles	0° ±2°			
				dr	KCHOU	5/5/94	MM/INCH	product family MOD JACK / code —
				engr	TC	5/5/94		size A / dwg no 94911
				chr	JTSAO	5/5/94	scale 1:1	sheet 6 of
				appd	JTSAO	5/5/94		
sheet index	revision sheet							cage code 20526

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PDM: Rev:M

STATUS:Released

Printed Feb 20, 2010