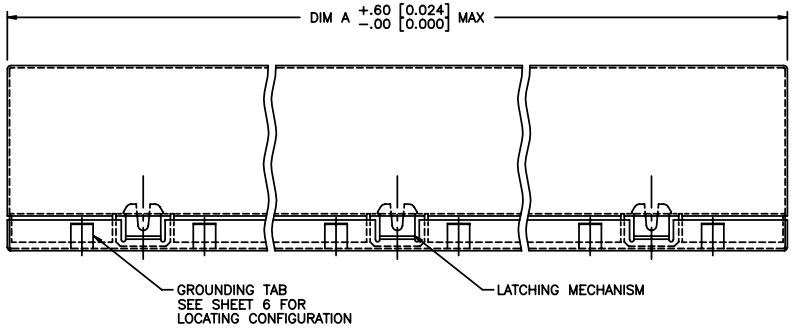
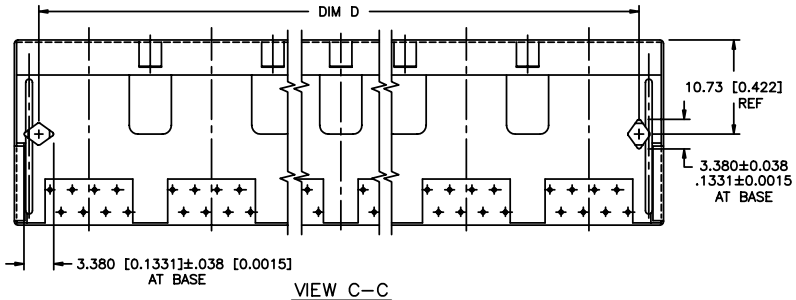
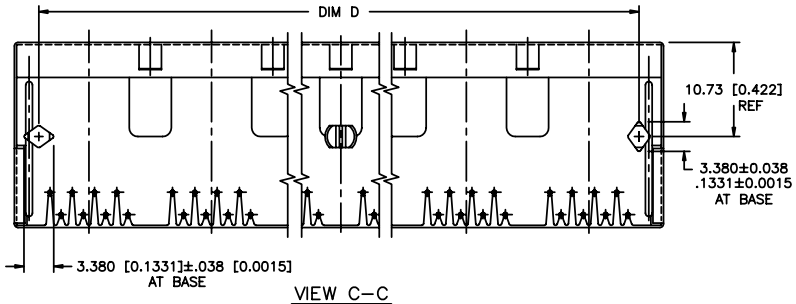
PRODUCT NO.
SEE TABLE





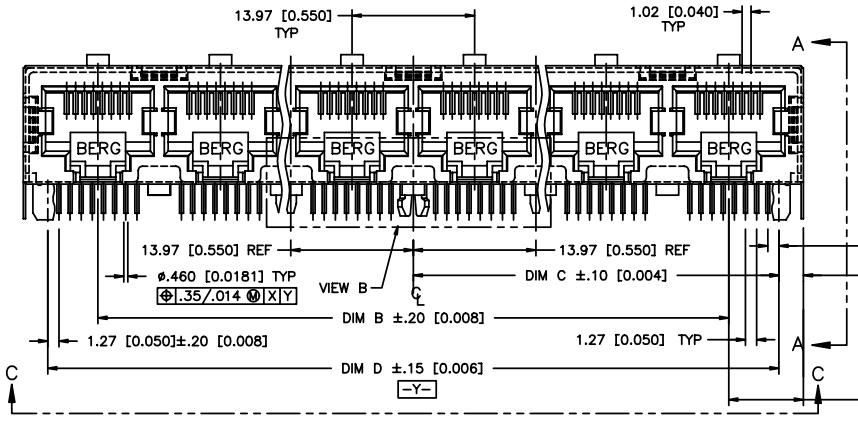
VIEW C–C

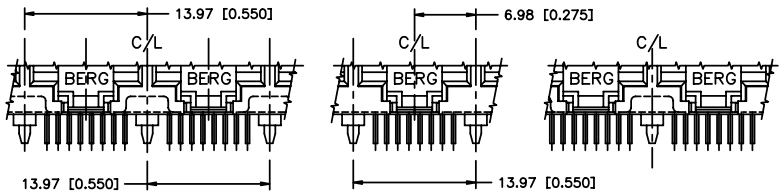
–XXX,XXXLF & XXXNLF PRODUCT ONLY (WITHOUT CENTER PEG – SEE NOTE 8)



VIEW C–C

–XXXM,XXXMLF PRODUCT ONLY (WITH CENTER PEG – SEE NOTE 7)





FOR PORT NO. 4,6,8,10,12 | FOR PORT NO. 3,5,7,9,11 | FOR 2–PORT

VIEW B

(CENTER PEG OMITTED FOR CLARITY, –XXXM,–XXXMLF PRODUCT ONLY)

ltr	ecn no	dr	date
M	N08–0100	SH	09/25/08
G	T70374	OTA	7/8/97
H	T70567	RGD	7/16/98
J	V91503	BKB	3/20/02
K	V12594	LP	3/20/02
L	N04–0101	MHT	1/12/05

sheet	revision	L	L	L	L	L	K
index	sheet	1	2	3	4	5	6

mat'l. code

tolerances unless otherwise specified
linear .XX ±.01/.X±.3 | .XXX ±.005/.XX±.13 | .XXXX ±.0020/.XXX±.051
angles 0° ±2°

dr	KCHOU	3/18/93
engr	TC	3/18/93
chr	JTSAD	3/18/93
appd	JTSAD	3/18/93

CUSTOMER COPY
projection
MM/INCH
scale 1:1

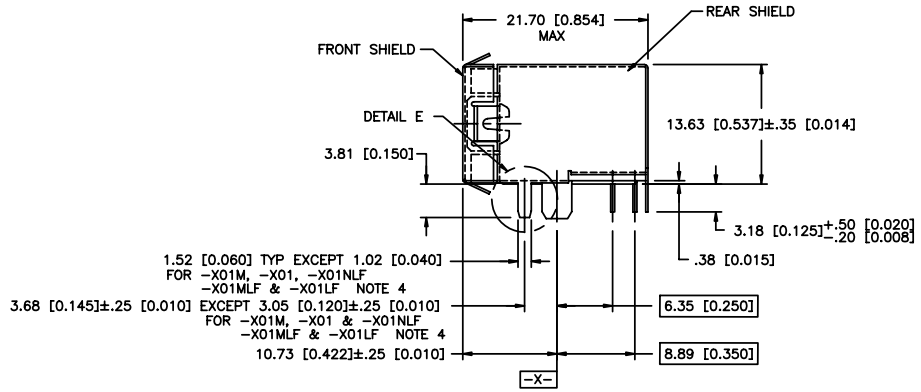
FCI www.fciconnect.com

title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
product family MOD JACK
code –
size A
dwg no 94710
sheet 1 of 6
cage code 22526

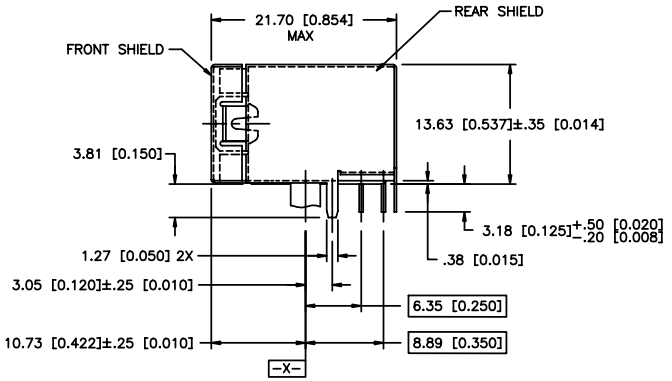
ACAD

PDM: Rev:M STATUS: Released Printed: Nov 08, 2008

PRODUCT NO.
SEE TABLE



VIEW A–A



P/N –X01AM, –X01A & –X01ANLF, –X01AMLF & –X01ALF ONLY
NOTE 5

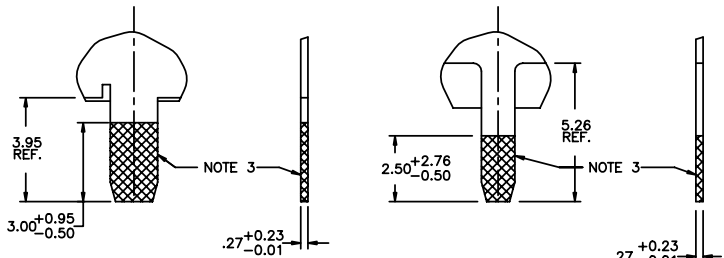
NOTES:

1. RECOMMENDED P.C.B. THICKNESS 1.60 [0.063].
2. CONTACTS: PHOS BRONZE ALLOY UNS–C51000, ø 0.460 [0.0181] ROUND WIRE, PLATING SEE TABLE.
3. SHIELDING MAT'L: .25 [0.010] THICK BRASS ALLOY
   SHIELDING PLATING: FOR 94710–XXX & 94710–XXXM: 2.54uM/100u" MIN BRIGHT TIN–LEAD PLATED OVER 0.76uM/30u" MIN NICKEL UNDERPLATING PER BUS–15–002/M.

   LEAD FREE OPTION:

   SHIELDING PLATING: FOR 94710–XXXLF & 94710–XXXMLF: 2.32uM/80u" MIN BRIGHT TIN PLATED OVER 0.76uM/30u" MIN NICKEL UNDERPLATING PER BUS–15–002/M.

   FOR 94710–XXXNLF: 0.76uM/30u" MIN NICKEL PLATING, WITH SELECTIVE TIN ON SOLDER TAILS. SEE DETAIL E.
4. SPECIALLY FOR ONE–PORT P/N 94710–X01M, 94710–X01, & 94710–X01NLF, 94710–X01MLF, 94710–X01LF, & ONLY. SOLDER TAIL OF SHIELD IS 1.02 [0.040] WIDE, DISTANCE FROM PCB PEG TO THE SOLDER TAIL IS 3.05 [0.120].
5. SPECIALLY FOR ONE–PORT P/N 94710–X01AM, 94710–X01A, & 94710–X01ANLF 94710–X01AMLF & 94710–X01ALF, ONLY. SOLDER TAIL OF SHIELD IS 1.27 [0.050] WIDE, DISTANCE FROM PCB PEG TO THE SOLDER TAIL IS 3.05 [0.120].
6. ALL DIMENSIONS IN MILLIMETERS/INCHES.
7. CENTER PEG FOR –XXXM,–XXXMLF PRODUCT ONLY, 8–PORTS AND ABOVE.
8. NO CENTER PEG AVAILABLE ON –XXX,–XXXLF,–&–XXXNLF PRODUCT.
9. HOUSING MAT'L: HIGH TEMPERATURE NYLON, GLASS FILLED, 94–V–0 RATED, COLOR BLACK.
10. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
11. LEAD FREE STATEMENT: THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008.
12. LEAD FREE STATEMENT: THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5 MM MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
13. EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR .



DETAIL C
SCALE: 3/1

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3			
M					.XXX ±.005/.XX±.13		projection	title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
					.XXXX ±.0020/.XXX±.051			
				angles	0° ±2°			
				dr	KCHOU	3/18/93	MM/INCH	product family MOD JACK / code –
				engr	TC	3/18/93		size A / dwg no 94710 / sheet 2 of
				chr	JTSAD	3/18/93	scale 1:1	
				appd	JTSAD	3/18/93		
sheet index	revision sheet							cage code 22526

PRODUCT No.	No. OF PORTS	DIM A +.60 [0.024] −0	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]	GROUND LEG NO. ON THE BACK (VIEW B)	NOTE
94710-X01M 94710-X01MLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94710-X01AM 94710-X01AMLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94710-X02M 94710-X02MLF	2	30.98 [1.220]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]	1	---
94710-X03M 94710-X03MLF	3	44.95 [1.770]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]	2	---
94710-X04M 94710-X04MLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	---
94710-X05M 94710-X05MLF	5	72.89 [2.870]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]	2	---
94710-X06M 94710-X06MLF	6	86.86 [3.420]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]	3	---
94710-X07M 94710-X07MLF	7	100.83 [3.970]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]	2	---
94710-X08M 94710-X08MLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	---
94710-X09M 94710-X09MLF	9	128.77 [5.070]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]	2	---
94710-X10M 94710-X10MLF	10	142.74 [5.620]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]	3	---
94710-X11M 94710-X11MLF	11	156.71 [6.170]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]	2	---
94710-X12M 94710-X12MLF	12	170.68 [6.720]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]	3	---

PRODUCT No.	No. OF PORTS	DIM A +.60 [0.024] −0	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]	GROUND LEG NO. ON THE BACK (VIEW B)	NOTE
94710-X01 94710-X01LF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94710-X01A 94710-X01ALF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94710-X02 94710-X02LF	2	30.98 [1.220]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]	1	---
94710-X03 94710-X03LF	3	44.95 [1.770]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]	2	---
94710-X04 94710-X04LF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	---
94710-X05 94710-X05LF	5	72.89 [2.870]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]	2	---
94710-X06 94710-X06LF	6	86.86 [3.420]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]	3	---
94710-X07 94710-X07LF	7	100.83 [3.970]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]	2	---
94710-X08 94710-X08LF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	---
94710-X09 94710-X09LF	9	128.77 [5.070]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]	2	---
94710-X10 94710-X10LF	10	142.74 [5.620]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]	3	---
94710-X11 94710-X11LF	11	156.71 [6.170]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]	2	---
94710-X12 94710-X12LF	12	170.68 [6.720]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]	3	---

PLATING CODE X	PLATING	
0	.76uM/30u" G.X.T.	
	.38uM/15u" GOLD	(13)
3	.76uM/30u" GOLD	(13)
5	1.27uM/50u" GOLD	

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3			
M					.XXX ±.005/.XX±.13		projection	title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
					.XXXX ±.0020/.XXX±.051			
				angles	0° ±2°			
				dr	KCHOU	3/18/93	MM/INCH	product family MOD JACK / code –
				engr	TC	3/18/93		size A / dwg no 94710 / sheet 3 of
				chr	JTSAD	3/18/93	scale 1:1	
				appd	JTSAD	3/18/93		
sheet index	revision sheet							

cage code 22526

PRODUCT No.	No. OF PORTS	DIM A +.60 [0.024] −0	DIM B	DIM C±.10 [0.004]	DIM D±.15 [0.006]	GROUND LEG NO. ON THE BACK (VIEW B)	NOTE
94710-X01NLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94710-X01ANLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94710-X02NLF	2	30.98 [1.220]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]	1	---
94710-X03NLF	3	44.95 [1.770]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]	2	---
94710-X04NLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	---
94710-X05NLF	5	72.89 [2.870]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]	2	---
94710-X06NLF	6	86.86 [3.420]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]	3	---
94710-X07NLF	7	100.83 [3.970]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]	2	---
94710-X08NLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	---
94710-X09NLF	9	128.77 [5.070]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]	2	---
94710-X10NLF	10	142.74 [5.620]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]	3	---
94710-X11NLF	11	156.71 [6.170]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]	2	---
94710-X12NLF	12	170.68 [6.720]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]	3	---

PLATING CODE X	PLATING	
0	.76uM/30u" G.X.T.	
1	.38uM/15u" GOLD	(13)
3	.76uM/30u" GOLD	(13)
5	1.27uM/50u" GOLD	

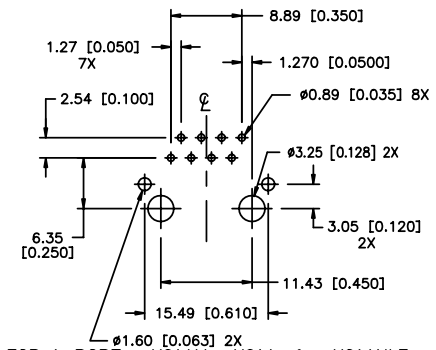
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3			
M					.XXX ±.005/.XX±.13		projection	title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
					.XXXX ±.0020/.XXX±.051			
				angles	0° ±2°			
				dr	KCHOU	3/18/93	MM/INCH	product family MOD JACK / code –
				engr	TC	3/18/93		size A / dwg no 94710 / sheet 4 of
				chr	JTSAD	3/18/93	scale 1:1	
				appd	JTSAD	3/18/93		
sheet index	revision sheet							

cage code 22526

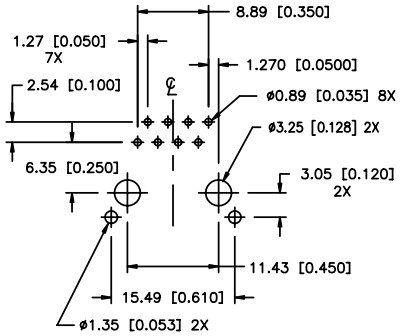
PDM: Rev:M STATUS: Released Printed: Nov 08, 2008

ACAD

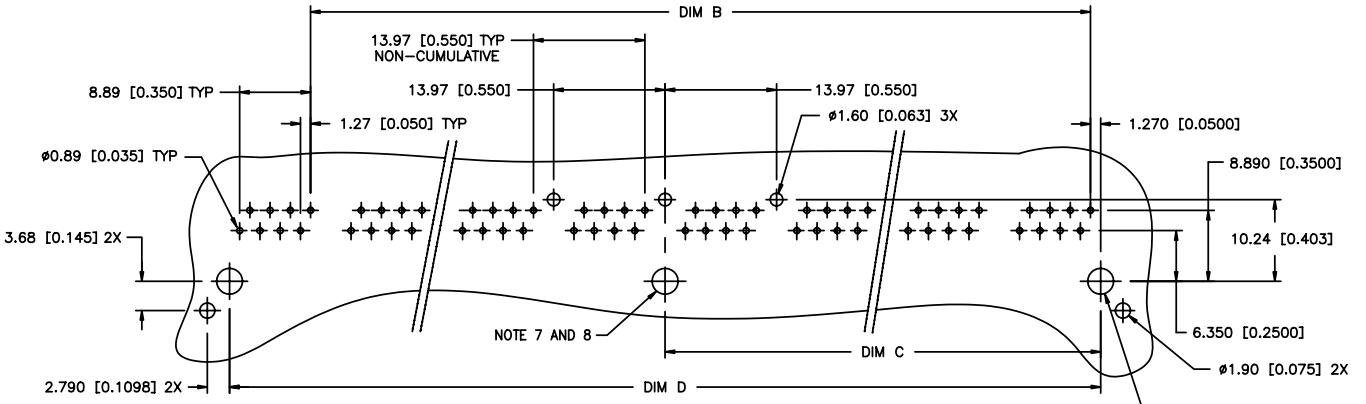
PRODUCT NO.
SEE TABLE



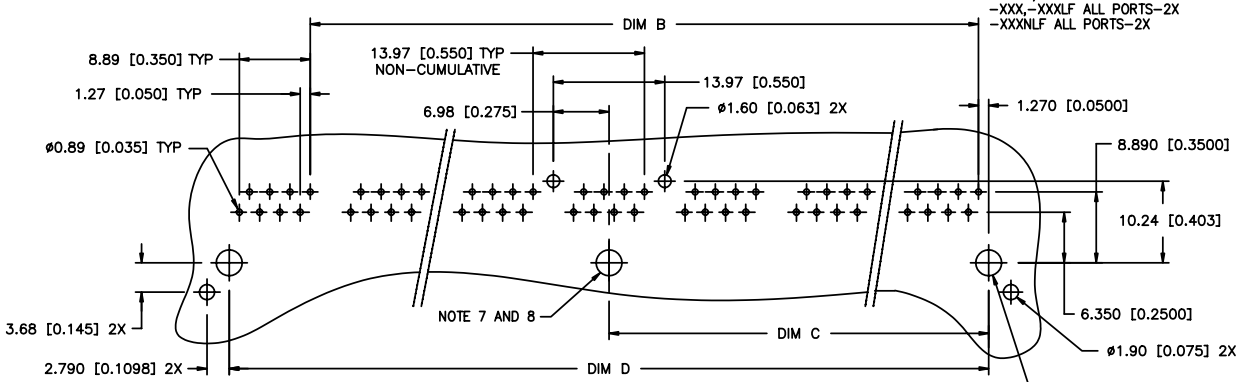
FOR 1-PORT, -X01AM -X01A, & -X01ANLF
-X01AMLF & -X01ALF



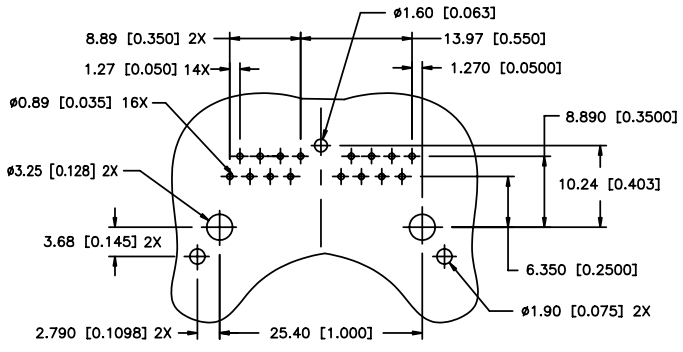
FOR 1-PORT, -X01M, -X01, & X01NLF
-X01MLF & , -X01LF



PORT NO. 4,6,8,10,12



PORT NO. 3,5,7,9,11



2-PORT

RECOMMENDED P.C.B LAYOUT

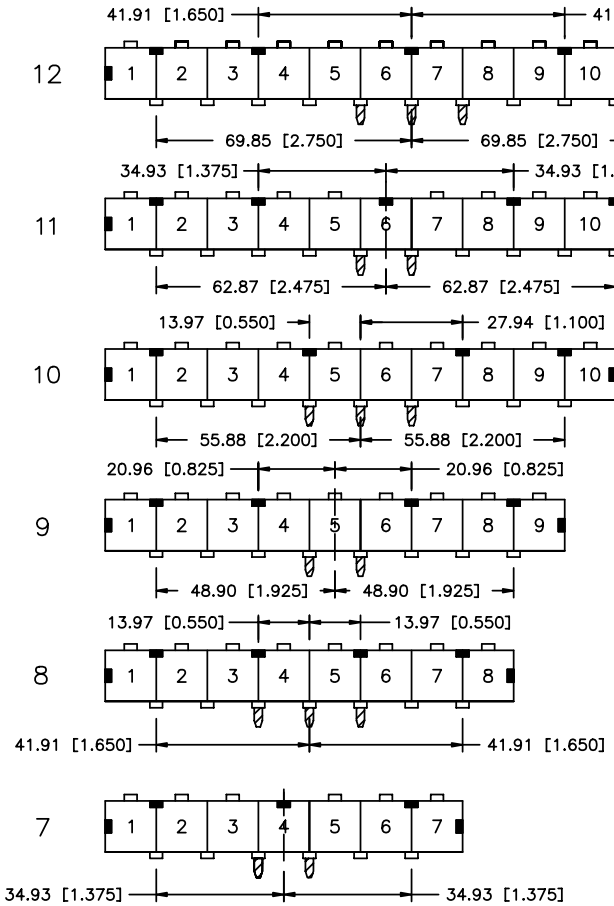
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3			
M					.XXX ±.005/.XX±.13		projection	title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
					.XXXX ±.0020/.XXX±.051			
				angles	0° ±2°			
				dr	KCHOU	3/18/93	MM/INCH	product family MOD JACK / code –
				engr	TC	3/18/93		size A / dwg no 94710 / sheet 5 of
				chr	JTSAD	3/18/93	scale 1:1	
				appd	JTSAD	3/18/93		
sheet index	revision sheet							cage code 22526

PDM: Rev:M STATUS: Released Printed: Nov 08, 2008

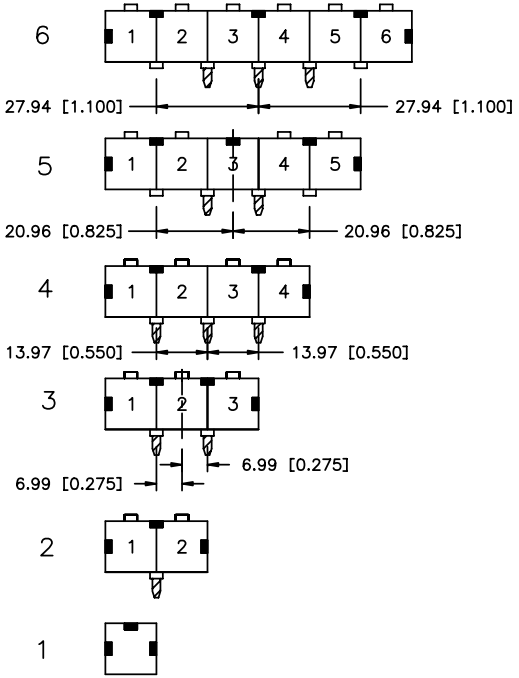
LATCHING AND GROUNDING TAB LOCATING CONFIGURATION

■ INDICATES LATCHING TAB (SEE SHEET 1)
□ INDICATES GROUNDING TAB ON THE FRONT OF PRODUCT (SEE SHEET 1)
▨ INDICATES GROUNDING LEG ON THE BACK OF PRODUCT (VIEW B)

PORT NUMBERS



PORT NUMBERS



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3			
M					.XXX ±.005/.XX±.13		projection	title R/A. 8 POS GAN JACK. ASSY SHIELDED, DIAMOND PEG
					.XXXX ±.0020/.XXX±.051			
				angles	0° ±2°			
				dr	KCHOU	3/18/93	MM/INCH	product family MOD JACK / code —
				engr	TC	3/18/93		size A / dwg no 94710 / sheet 6 of
				chr	JTSAD	3/18/93	scale 1:1	
				appd	JTSAD	3/18/93		
sheet index	revision sheet							

cage code 22526

PDM: Rev:M STATUS: Released Printed: Nov 08, 2008

ACAD