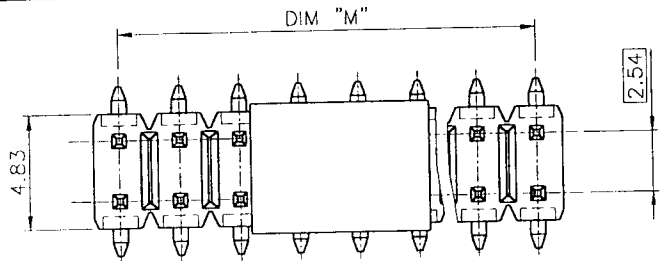


Header and pin dimensions are based on the following assumptions:  
1. Header and pin dimensions are based on the following assumptions:  
2. Header and pin dimensions are based on the following assumptions:  
3. Header and pin dimensions are based on the following assumptions:  
4. Header and pin dimensions are based on the following assumptions:  
5. Header and pin dimensions are based on the following assumptions:  
6. Header and pin dimensions are based on the following assumptions:  
7. Header and pin dimensions are based on the following assumptions:  
8. Header and pin dimensions are based on the following assumptions:  
9. Header and pin dimensions are based on the following assumptions:  
10. Header and pin dimensions are based on the following assumptions:

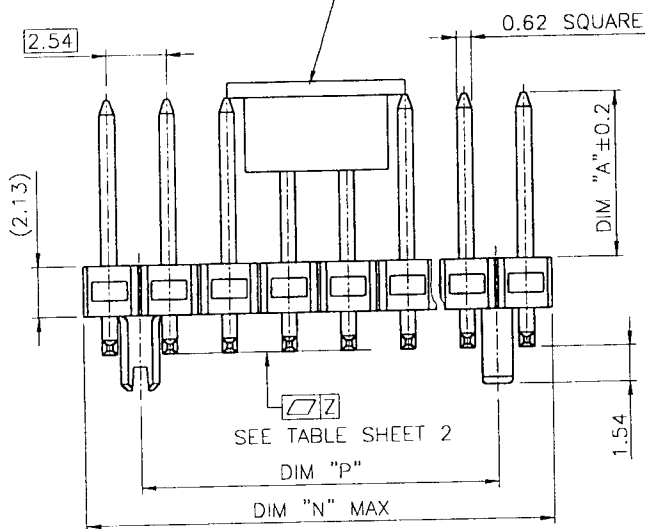
FCI

Header and pin dimensions are based on the following assumptions:  
1. Header and pin dimensions are based on the following assumptions:  
2. Header and pin dimensions are based on the following assumptions:  
3. Header and pin dimensions are based on the following assumptions:  
4. Header and pin dimensions are based on the following assumptions:  
5. Header and pin dimensions are based on the following assumptions:  
6. Header and pin dimensions are based on the following assumptions:  
7. Header and pin dimensions are based on the following assumptions:  
8. Header and pin dimensions are based on the following assumptions:  
9. Header and pin dimensions are based on the following assumptions:  
10. Header and pin dimensions are based on the following assumptions:

PRODUCT NUMBER  
93662-YXX-XX



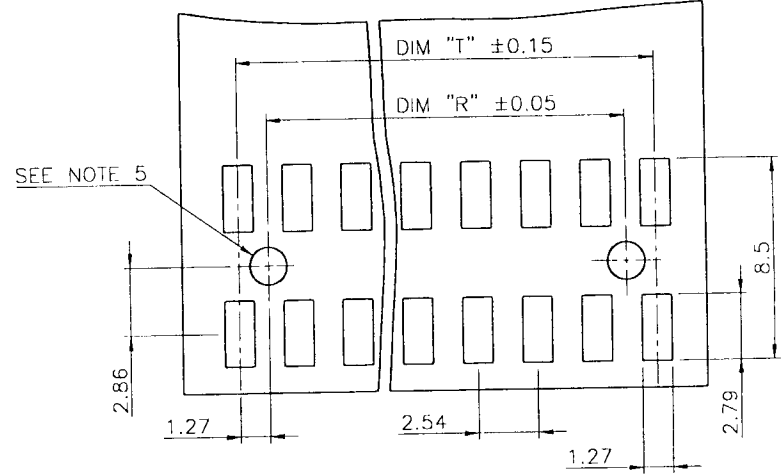
PICK UP CAP OPTION  
IF REQUIRED (SEE NOTE 2, SHEET 2)



SEE TABLE SHEET 2

PART NUMBER DEFINITION

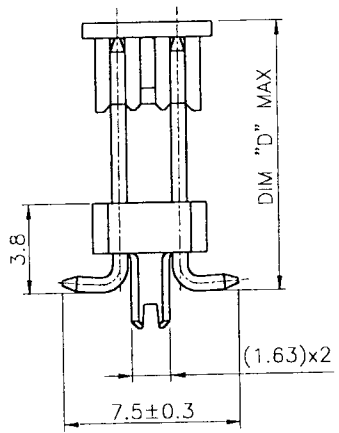
93662-YXX-XX  
NB OF POSITIONS(SIZE)  
PACKAGING OPTION (SEE NOTE 1 & 2, SHEET 2)  
VERSION  
PLATING  
BASE PART NUMBER



RECOMMENDED P.C BOARD PAD LAYOUT

NOTES:

- 1 - PIN MATERIAL: COPPER ALLOY.
- 2 - PLASTIC MATERIAL: PCT 30% GLASS-FILLED, HIGH TEMPERATURE, FLAME RETARDANT PER UL-V0, COLOR BLACK.
- 3 - PIN PUSH OUT FORCE: 9N MIN.
- 4 - RECOMMENDED IR PROFILE PER BERG TA842.
- 5 - HOLE DIMENSION TO BE  $\varnothing 1.6 \pm 0.03$  FOR INTERFERENCE FIT APPLICATIONS. HOLE DIMENSION TO BE  $\varnothing 1.95 \pm 0.05$  FOR LOCATION APPLICATION WITH AUTOMATIC PICK AND PLACE MACHINES.



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		ELECTRONICS	
lir	ecn no	dr	date	linear		projection		www.fciconnect.com	
K	F60710	JMC	96.10.10						
L	F70684	OMA	97.11.24						
M	F90663	LMU	99.11.02	angles					
N	F00176	LMU	00.03.30	dr	O. MATHEVON 97.11.27	mm			
				enrg	COMPAGNON 97.11.27				
				chr	O. MATHEVON 97.11.27	scale			
				apptd	JMC 97.11.27	5:1			
sheet index	revision sheet	N	J						
		1	2						

PDM: Rev:N STATUS: Released

Printed: Aug 02, 2002

This data is subject to change without notice. It is the user's responsibility to verify the dimensions of the product.

FCI

All dimensions are in millimeters unless otherwise specified. Dimensions in parentheses are for reference only.

PRODUCT SIZE AVAILABLE					COPLANARITY MAX "Z"
PRODUCT NUMBER	SIZE	DIM "M"	DIM "N"	DIM "P"	
93662-YXX-08	2x04	7.62	10.16	5.08	0.10
93662-YXX-10	2x05	10.16	12.7	7.62	0.10
93662-YXX-12	2x06	12.7	15.24	10.16	0.10
93662-YXX-14	2x07	15.24	17.78	12.7	0.10
93662-YXX-16	2x08	17.78	20.32	15.24	0.10
93662-YXX-18	2x09	20.32	22.86	17.78	0.10
93662-YXX-20	2x10	22.86	25.4	20.32	0.10
93662-YXX-22	2x11	25.4	27.94	22.86	0.10
93662-YXX-24	2x12	27.94	30.48	25.4	0.10
93662-YXX-26	2x13	30.48	33.02	27.94	0.10
93662-YXX-28	2x14	33.02	35.56	30.48	0.10
93662-YXX-30	2x15	35.56	38.1	33.02	0.12
93662-YXX-32	2x16	38.1	40.64	35.56	0.12
93662-YXX-34	2x17	40.64	43.18	38.1	0.12
93662-YXX-36	2x18	43.18	45.72	40.64	0.12
93662-YXX-38	2x19	45.72	48.26	43.18	0.12
93662-YXX-40	2x20	48.26	50.8	45.72	0.15
93662-YXX-42	2x21	50.8	53.34	48.26	0.15
93662-YXX-44	2x22	53.34	55.88	50.8	0.15
93662-YXX-46	2x23	55.88	58.42	53.34	0.15
93662-YXX-48	2x24	58.42	60.96	55.88	0.15
93662-YXX-50	2x25	60.96	63.5	58.42	0.15



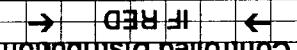
PCB LAYOUT DIM	
DIM "R"	DIM "T"
5.08	7.62
7.62	10.16
10.16	12.7
12.7	15.24
15.24	17.78
17.78	20.32
20.32	22.86
22.86	25.4
25.4	27.94
27.94	30.48
30.48	33.02
33.02	35.56
35.56	38.1
38.1	40.64
40.64	43.18
43.18	45.72
45.72	48.26
48.26	50.8
50.8	53.34
53.34	55.88
55.88	58.42
58.42	60.96

PRODUCT NUMBER	DIM "A"	DIM "D"
93662-Y01-XX	5.9	10.7
93662-Y02-XX	7.9	12.7
93662-Y03-XX	9.9	14.7
93662-Y04-XX	11.4	16.2
93662-Y05-XX	4.8	9.6

NOTES:

- 1 - FOR CONNECTOR WITHOUT OPTION, PACKAGING IN PLASTICS BAGS USED
- 2 - OPTION LETTER "A" MEANS CONNECTOR WITH CAP AND "TAPE AND REEL " PACKAGING.  
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY PER TA840.

93662-8XX-XX	0.38 $\mu$ m Au (FULL PLATED)
93662-5XX-XX	0.38 $\mu$ m GXT (FULL PLATED)
93662-3XX-XX	3.81 $\mu$ m SnPb (FULL PLATED)
93662-1XX-XX	0.76 $\mu$ m Au (FULL PLATED)
PLATING CODE	MINIMUM PLATING THICKNESS OVER 1.27 $\mu$ m Ni

Int'l code				tolerances unless otherwise specified		CUSTOMER COPY		 <b>ELECTRONICS</b> <a href="http://www.fciconnect.com">www.fciconnect.com</a>	
lfr	ecr no	dr	date	linear		projection		title	HEADER DR
F	F60710	JMC	96.10.10					product family	HEADER
G	F70684	OMA	97.11.27	angles		mm		size	213
H	F90663	LMU	99.11.02					dwg no	93662
J	F00176	LMU	00.03.30	dr	O. MATHEVON	97.11.27		scale	N/A
				engr.	COMPAGNON	97.11.27			
				chr	O. MATHEVON	97.11.27			
				appd	JMC	97.11.27			
sheet index	revision	sheet		<div style="text-align: center;">  </div>					

PDM: Rev: N

STATUS: Released

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