



Copyright FCI.

A

B

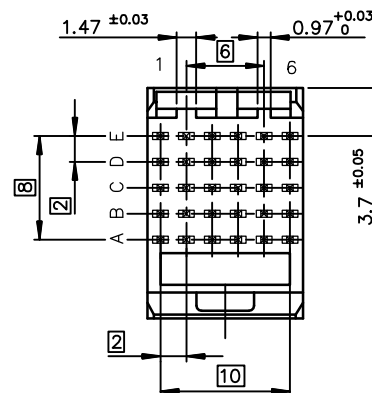
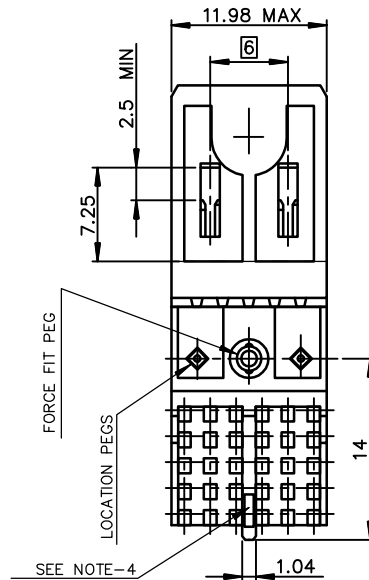
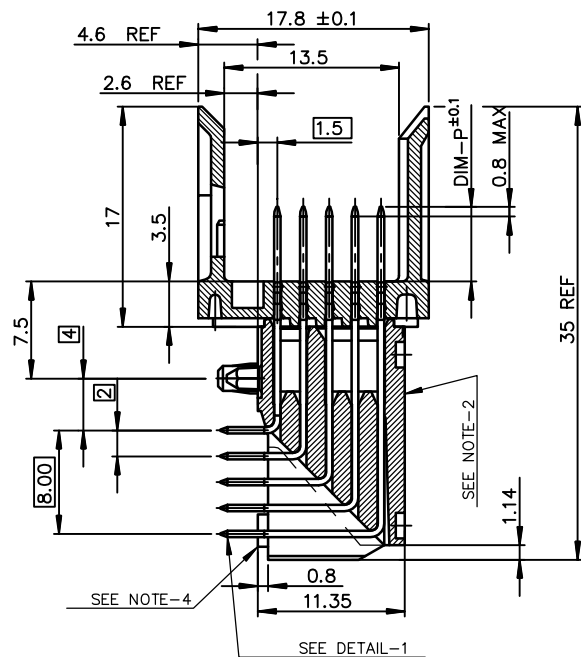
C

D

A

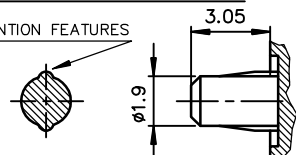
B

D

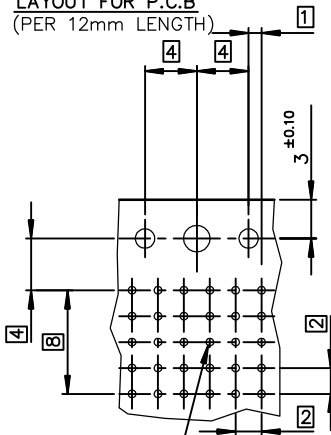


DETAIL OF FORCE-FIT PEGS

RETENTION FEATURES

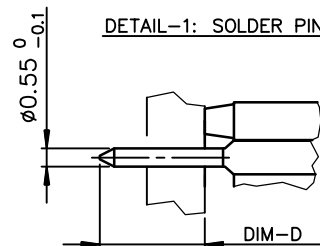


LAYOUT FOR P.C.B (PER 12mm LENGTH)



Hole according to product spec
GS-12-445 (for press-fit),
GS-12-446 (for STB)

DETAIL-1: SOLDER PIN



NOTE-2: INSERTION IN PCB, HANDLING OR BENCH PRESS
NOTE-3: IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS
BUT CONNECTOR MARKING IS WITHOUT "P"
EXAMPLE: HM1XXXXXXXXXH6P, MARKED HM1XXXXXXXXXH6
NOTE-4: REAR CENTRAL SUPPORT FOR BETTER ASSY ON PCB

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION GS-12-446

European Views

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	CHAMPION	1997/06/17	ANGULAR 0.XX' ±2	0.X	±0.1
Eng	LENOIR	1997/06/17		0.XX	±0.1
Chr	LEGARE	1997/06/17		0.XXX	±0.1
Appr	LEGARE	1997/06/17	Product family		METRAL
			size		A3
			ECN		Spec ref -
			Scale		2.5
			Rev.		F
			CUSTOMER		sheet 1 of 2

REV F - 2006-04-17

PDM: Rev:F

STATUS: Released

Printed: May 19, 2011

TIN LEAD PART NUMBER

Part Number: HM1L51xyP000Hz

MATING LENGTH DIM-P / REPLACE 'x' BY:

	ROW-A	ROW-B	ROW-C	ROW-D	ROW-E
A =	5.00	5.00	5.00	5.00	5.00
L =	5.75	5.75	5.75	5.75	5.75
D =	6.50	6.50	6.50	6.50	6.50
B =	6.50	5.00	5.00	5.00	5.00
C =	6.50	5.75	5.75	6.50	5.75

TERMINATION
LENGTH
DIM-D

D=2.90 ±0.3,replace y by A

D=3.70 ±0.3,replace y by B

LEAD FREE PART NUMBER

Part Number: HM1L51xyP000HzLF

MATING LENGTH DIM-P / REPLACE 'x' BY:

	ROW-A	ROW-B	ROW-C	ROW-D	ROW-E
A =	5.00	5.00	5.00	5.00	5.00
L =	5.75	5.75	5.75	5.75	5.75
D =	6.50	6.50	6.50	6.50	6.50
B =	6.50	5.00	5.00	5.00	5.00
C =	6.50	5.75	5.75	6.50	5.75

TERMINATION
LENGTH
DIM-D

D=2.90 ±0.3,replace y by A

D=3.70 ±0.3,replace y by B

PART NUMBER / CONTACT LOADING

MATING LENGTH DIM-P

ROW-A	ROW-B	ROW-C	ROW-D	ROW-E
5.75	5.75	—	5.75	5.75

PART NUMBER

HM1L51LAP347H6PLF

DIM-D

2.90±0.3

"—" EMPTY POSITION

European Views

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	CHAMPION	1997/06/17	ANGULAR 0.XX° ±2°	LINEAR	0.X	±0.1	size A3	Scale 2.5	ECN	
Eng	LENOIR	1997/06/17			0.XX	±0.1				
Chr	LEGARE	1997/06/17			0.XXX	±0.1				
Appr	LEGARE	1997/06/17	Product family				METRAL	Spec ref -		
			title METRAL RA HEADER 5 ROW STANDARD SOLDER 30 WAY				dwg no C-8626-0239		Rev. F	
catalog no			-				CUSTOMER		sheet 2 of 2	

Mouser Electronics

Authorized Distributor

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[HM1L51AAP000H6PLF](#) [HM1L51DAP000H6PLF](#) [HM1L51LAP000H6PLF](#) [HM1L51LAP347H6PLF](#)