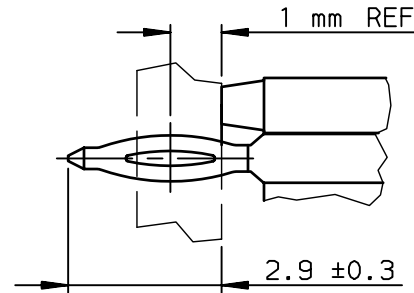


DETAIL-1: PRESS-FIT TAIL



NORMINATIVE REF = IEC-61076-4-104

NOTE-2: ONE CENTER PEG FOR HOLD DOWN FORCE

NOTE-3: CODING RECESS FOR 8MM EXTENDED KEYS

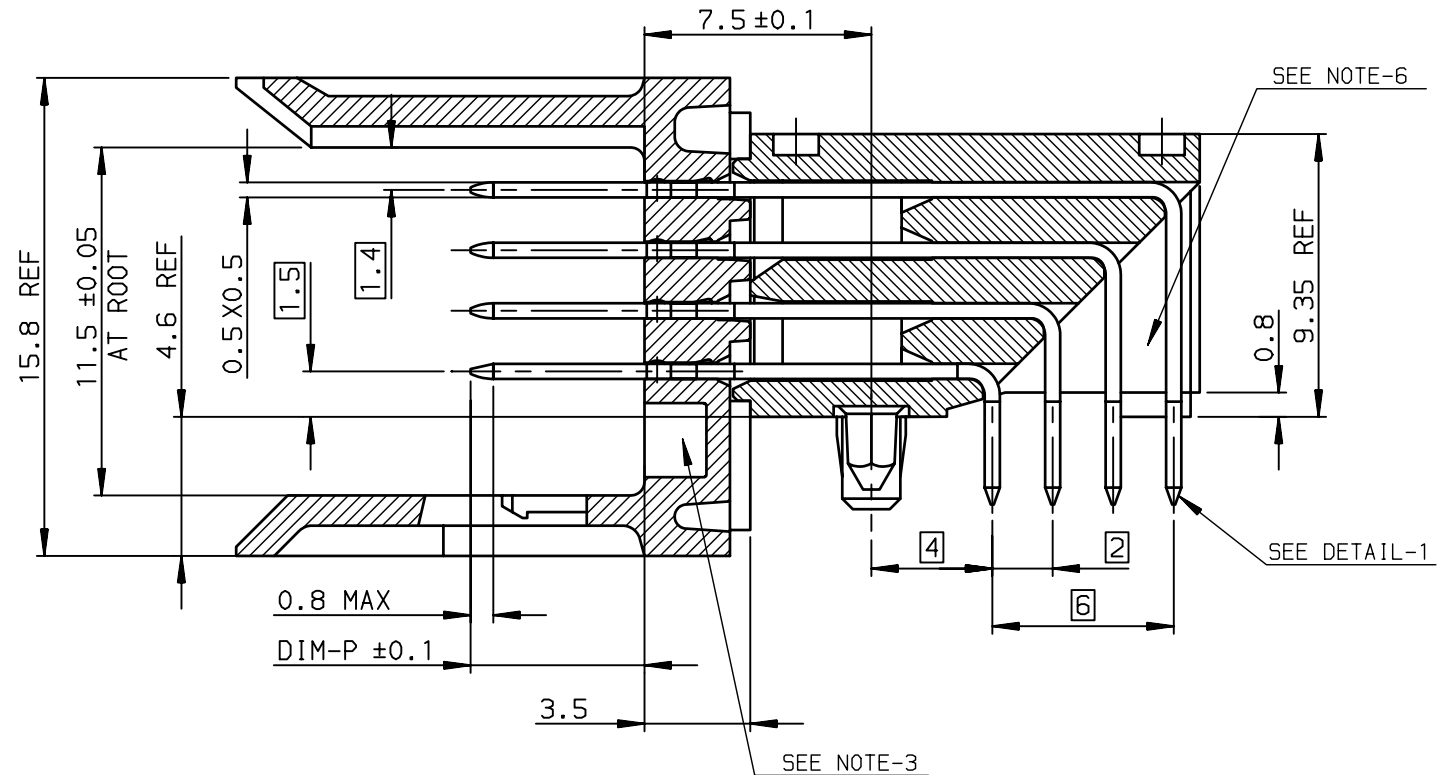
NOTE-4: PRODUCT MARKING = PRODUCT NUMBER + BATCH CODE + FCI

FOR 2 MODULE SIZE,END OF PART NUMBER ONLY

NOTE-6: CENTRAL WALL WITH END REAR SUPPORT

NOTE-7: PACKAGING IN TRAY + COVER

SECTION-A SCALE:4/1



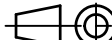


GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION GS-12-445

OTHERS INFORMATIONS,SEE DRW C-8626-11207-2/-3

European Views

rev	ecn no	dr	date
B	-	CHA	2003/07/09
C	LS06-0015	JTA	2006/01/18
D	LS06-0095	LGO	2006/07/11
E	LS07-0184	MLE	2007/07/27
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	CHAMPION	2003/03/18	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 2.5		
Eng	TARON	2003/03/18			0.XX	±0.1				
Chr	LEGARE	2003/03/18			0.XX' ±2'	0.XXX		±0.1	ECN LS07-0184	
Appr	LEGARE	2003/03/18	Product family				METRAL	Spec ref -		
			title METRAL RA HEADER WB CONVERGED 4x12 CTS - PF - PUSH PEG - SPECIAL				drawing C-8626-11207-1		Rev. E	
			catalog no -				CUSTOMER		sheet 1 of 3	



P/N: HM1L42ADP114H6P				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D		5.00		5.00		5.00		5.00		5.00		5.00
ROW-C	5.00		5.00		5.00		5.00		5.00		5.00	
ROW-B		5.00		5.00		5.00		5.00		5.00		5.00
ROW-A	5.00		5.00		5.00		5.00		5.00		5.00	
DIM-D =2.9±0.3		NUMBER OF CTS = 24									SP 114	

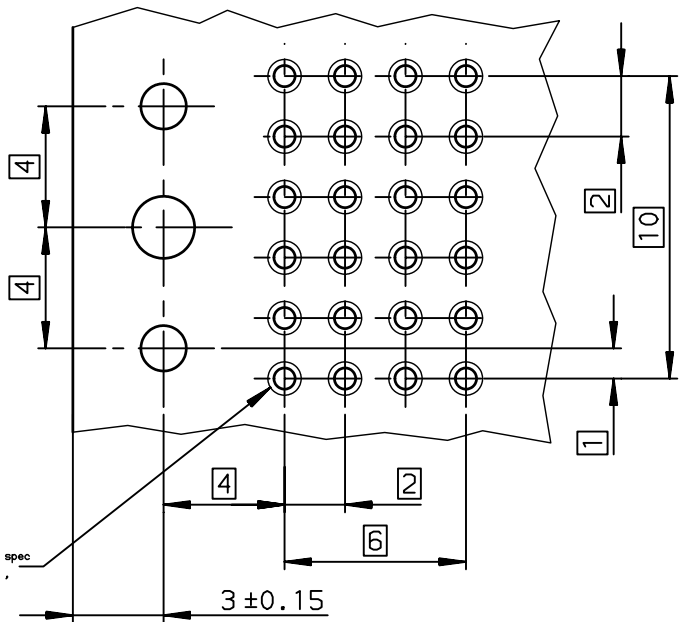
P/N: HM1L42DDP131H6P				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D	6.50		6.50		6.50		6.50		6.50		6.50	
ROW-C		6.50		6.50		6.50		6.50		6.50		6.50
ROW-B	6.50		6.50		6.50		6.50		6.50		6.50	
ROW-A		6.50		6.50		6.50		6.50		6.50		6.50
DIM-D =2.9±0.3		NUMBER OF CTS = 24									SP 131	

P/N: HM1L42DDP242H6P				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D		6.50		6.50		6.50		6.50		6.50		6.50
ROW-C	6.50		6.50		6.50		6.50		6.50		6.50	
ROW-B		6.50		6.50		6.50		6.50		6.50		6.50
ROW-A	6.50		6.50		6.50		6.50		6.50		6.50	
DIM-D =2.9±0.3		NUMBER OF CTS = 24									SP 242	

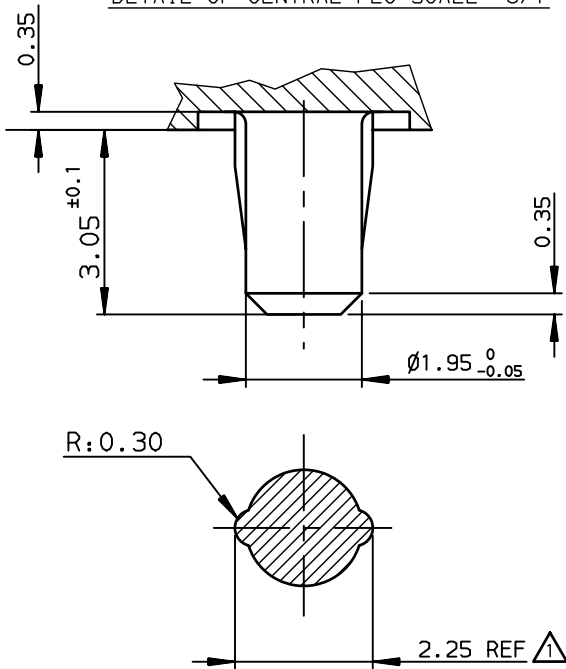
P/N: HM1L42ZDP421H6P				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00	6.50	6.50	6.50	6.50	6.50	6.50
ROW-B	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.75	5.75
DIM-D =2.9±0.3		NUMBER OF CTS = 48				SP 421						

rev	ecn no	dr	date
B	-	CHA	2003/07/09
C	LS06-0015	JTA	2006/01/18
D	LS06-0095	LGO	2006/07/11
E	LS07-0184	MLE	2007/07/27
-	-	-	-
-	-	-	-
-	-	-	-

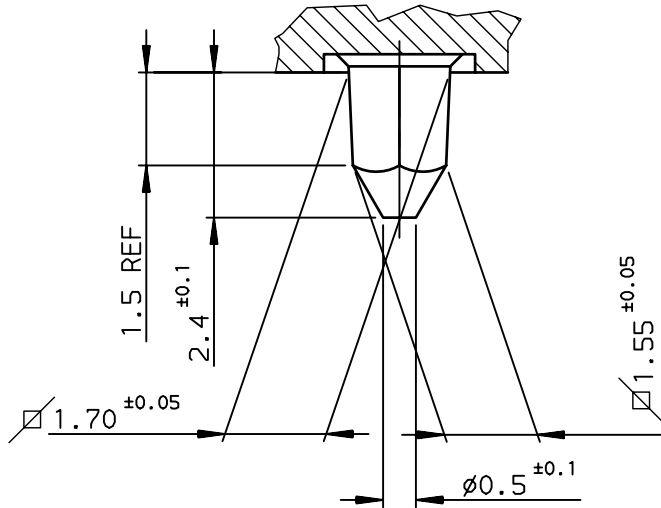
RECOMMENDED PCB LAYOUT






DETAIL OF CENTRAL PEG SCALE 8/1



DETAIL OF LOCATING PEGS (2x) SCALE 8/1



OTHERS INFORMATIONS,SEE DRW 8626-11207-1/-3

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	CHAMPION	24/08/23	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 4	
Eng	TARON	2003/03/18			0.XX	±0.1			
Chr	LEGARE	2003/03/18			0.XXX	±0.1			
Appr	LEGARE	2003/03/18	Product family		METRAL		Spec ref -		
			title METRAL RA HEADER WB CONVERGED 4x12 CTS - PF - PUSH PEG - SPECIAL				dwg no C-8626-11207-2		Rev. E
			catalog no		-	CUSTOMER		sheet 2 of 3	

1

2

3

4

P/N: HM1L42ZDP444H6P				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	6.50
ROW-B	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 48				SP 444						

P/N: HM1L42DDP242H6PLF							CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D		6.50		6.50		6.50		6.50		6.50		6.50
ROW-C	6.50		6.50		6.50		6.50		6.50		6.50	
ROW-B		6.50		6.50		6.50		6.50		6.50		6.50
ROW-A	6.50		6.50		6.50		6.50		6.50		6.50	
DIM-D =2.9±0.3		NUMBER OF CTS = 24				SP 242						

P/N: HM1L42ZDP421H6PLF						CTS LOADING PATTERN							
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12	
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00	6.50	6.50	6.50	6.50	6.50	6.50	
ROW-B	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
ROW-A	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.75	5.75	
DIM-D =2.9±0.3		NUMBER OF CTS = 48										SP 421	

P/N: HM1L42ZDP444H6PLF							CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	6.50
ROW-B	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 48				SP 444						

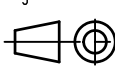


P/N: HM1L42ADP114H6PLF				CTS LOADING PATTERN								
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12
ROW-D		5.00		5.00		5.00		5.00		5.00		5.00
ROW-C	5.00		5.00		5.00		5.00		5.00		5.00	
ROW-B		5.00		5.00		5.00		5.00		5.00		5.00
ROW-A	5.00		5.00		5.00		5.00		5.00		5.00	
DIM-D =2.9±0.3		NUMBER OF CTS = 24				SP 114						

P/N: HM1L42DDP131H6PLF						CTS LOADING PATTERN							
DIM-P	1	2	3	4	5	6	7	8	9	10	11	12	
ROW-D	6.50		6.50		6.50		6.50		6.50		6.50		
ROW-C		6.50		6.50		6.50		6.50		6.50		6.50	
ROW-B	6.50		6.50		6.50		6.50		6.50		6.50		
ROW-A		6.50		6.50		6.50		6.50		6.50		6.50	
DIM-D =2.9±0.3		NUMBER OF CTS = 24										SP 131	

OTHERS INFORMATIONS,SEE DRW 8626-11207-1/-2

European Views

rev	ecn no	dr	date
B	-	CHA	2003/07/09
C	LS06-0015	JTA	2006/01/18
D	LS06-0095	LGO	2006/07/11
E	LS07-0184	MLE	2007/07/27
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	CHAMPION	2003/03/18	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 4		
Eng	TARON	2003/03/18			0.XX	±0.1				
Chr	LEGARE	2003/03/18			0.XXX	±0.1				
Appr	LEGARE	2003/03/18	0.XX' ±2°		0.XXX		±0.1	ECN LS07-0184		
			Product family				METRAL		Spec ref -	
			title METRAL RA HEADER WB CONVERGED 4x12 CTS - PF - PUSH PEG - SPECIAL				dwg no C-8626-11207-3		Rev. E	
catalog no			-				CUSTOMER		sheet 3 of 3	

1

2

3

PDM: Rev:E

STATUS: Released

Printed: May 19, 2011

Mouser Electronics

Authorized Distributor

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