

1

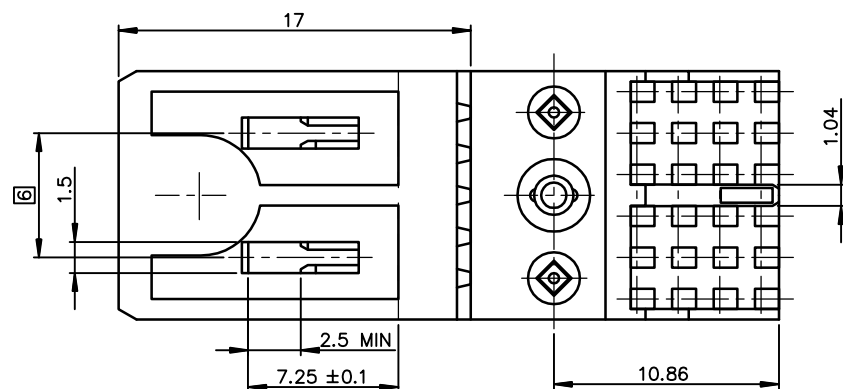
2

3

4

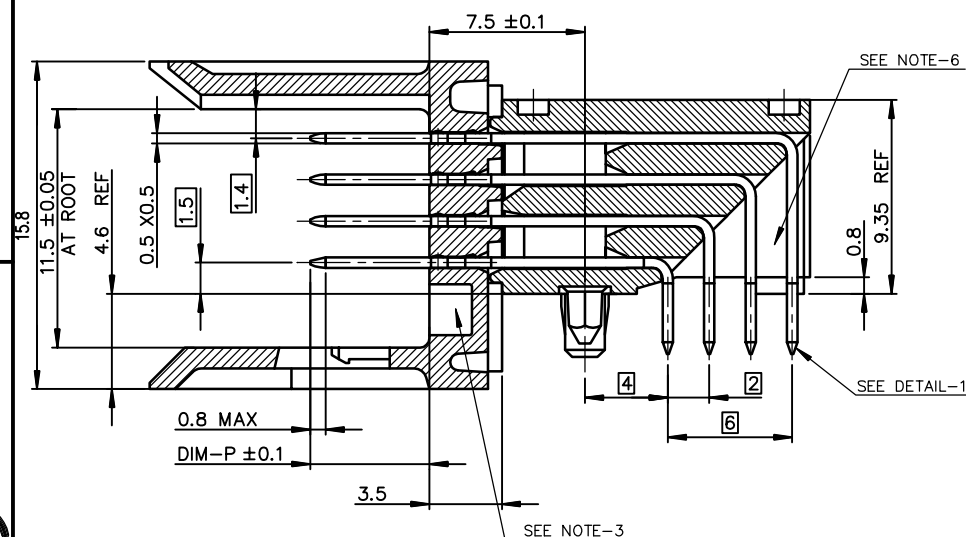
A

A



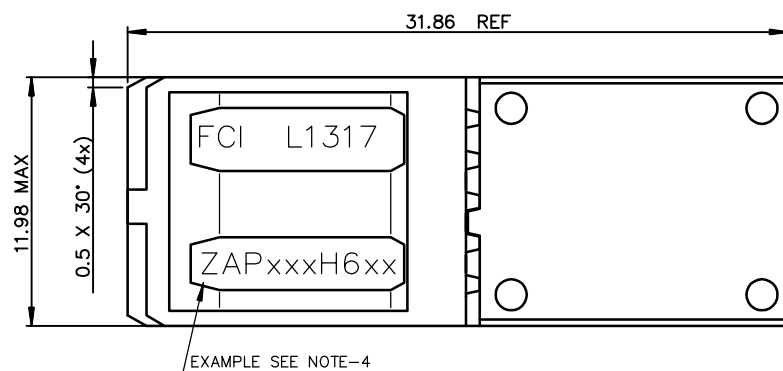
B

B



C

C



NORMINATIVE REF = IEC-61076-4-104

NOTE-2: ONE CENTER PEG FOR HOLD DOWN FORCE

NOTE-3: CODING RECESS FOR 8MM EXTENDED KEYS

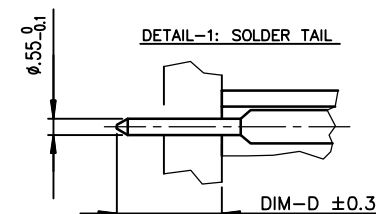
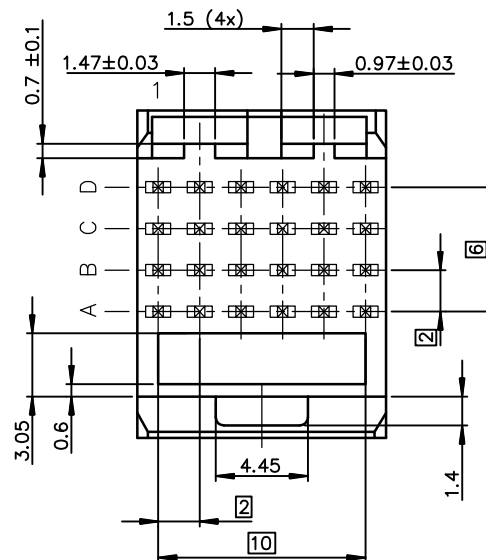
NOTE-4: PRODUCT MARKING = PRODUCT NUMBER + BATCH CODE + FCI
FOR 1 MODULE SIZE, END OF PART NUMBER ONLY

NOTE-5: CENTRAL WALL WITH END REAR SUPPORT

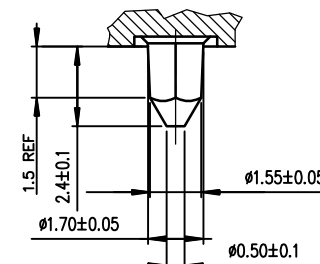
NOTE-6: PACKAGING IN TRAY + COVER

IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS
BUT CONNECTOR MARKING IS WITHOUT "P"

EXAMPLE: HM1XXXXXXXXXH6P, MARKED HM1XXXXXXXXXH6



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



GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION GS-12-446

OTHERS INFORMATIONS, SEE DRW C-8626-11210-2

European Views

rev	ecn no	dr	date
C	-	CHA	2003/03/18
D	LS06-0089	LGO	2006/06/06
E	LS07-0184	MLE	2007/07/27
F	DG-13365	QinDF	2012/10/07
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	CHAMPION	18/03/03	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 4:1		
Eng	LENOIR	18/03/03			0.XX	±0.1				
Chr	LEGARE	18/03/03			0.XXX	±0.1				
Appr	LEGARE	18/03/03	Product family		METRAL		Spec ref		- ECN LS07-0184	
			title METRAL RA HEADER WB CONV				dwg no C-8626-11210-1		Rev. F	
			4x6 CTS -STB- PUSH PEG							
			cataloga no -				CUSTOMER		sheet 1 of 2	

REV F - 2006-04-17

1

2

3

4

PDS: Rev: F

STATUS: Released

Printed: Nov 06, 2012



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1

2

3

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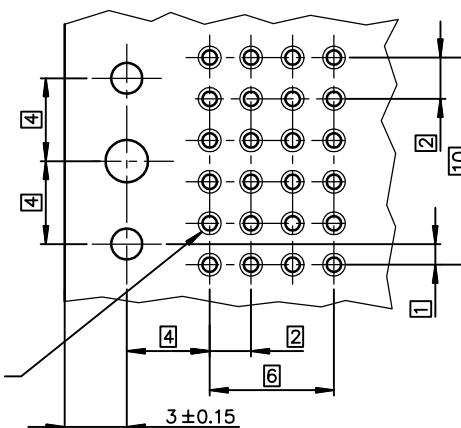
A

P/N: HM1L41ZAP240H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C			5.00	5.00	5.00	5.00
ROW-B				5.75	5.75	5.75
ROW-A	5.75			5.75	5.75	5.75
DIM-D = 2.9±0.3 NUMBER OF CTS = 17						
PERFORMANCE LEVEL = IEC CLASS-1 SP 240						

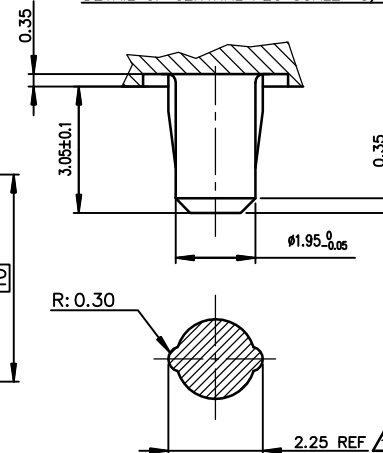
P/N: HM1L41ZAP240H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C			5.00	5.00	5.00	5.00
ROW-B				5.75	5.75	5.75
ROW-A	5.75			5.75	5.75	5.75
DIM-D = 2.9±0.3 NUMBER OF CTS = 17						
PERFORMANCE LEVEL = IEC CLASS-1 SP 240						

P/N: HM1L41AAP434H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00			5.00	5.00
ROW-C	5.00	5.00			5.00	5.00
ROW-B	5.00	5.00			5.00	5.00
ROW-A	5.00	5.00			5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 16						
PERFORMANCE LEVEL = IEC CLASS-1 SP 434						

RECOMMENDED PCB LAYOUT



DETAIL OF CENTRAL PEG SCALE 8/1



B

P/N: HM1L41ZAP317H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
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	6.50	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 24						
PERFORMANCE LEVEL = IEC CLASS-1 SP 317						

P/N: HM1L41ZAP317H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
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	6.50	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 24						
PERFORMANCE LEVEL = IEC CLASS-1 SP 317						

P/N: HM1L41AAP434H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00			5.00	5.00
ROW-C	5.00	5.00			5.00	5.00
ROW-B	5.00	5.00			5.00	5.00
ROW-A	5.00	5.00			5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 16						
PERFORMANCE LEVEL = IEC CLASS-1 SP 434						

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



C

P/N: HM1L41AAP426H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B	5.00		5.00	5.00	5.00	5.00
ROW-A	5.00		5.00	5.00	5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 20						
PERFORMANCE LEVEL = IEC CLASS-1 SP 426						

P/N: HM1L41AAP426H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B	5.00		5.00	5.00	5.00	5.00
ROW-A	5.00		5.00	5.00	5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 20						
PERFORMANCE LEVEL = IEC CLASS-1 SP 426						

P/N: HM1L41ZAP435H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	6.50	5.75	5.00	5.00	5.00	5.00
ROW-C	6.50	5.75	5.00	5.00	5.00	5.00
ROW-B	6.50	5.75	5.00	5.00	5.00	5.00
ROW-A	6.50	5.75	5.00	5.00	5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 24						
PERFORMANCE LEVEL = IEC CLASS-1 SP 435						

D

P/N: HM1L41ZAP427H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B		5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	6.50	6.50	5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 21						
PERFORMANCE LEVEL = IEC CLASS-1 SP 427						

P/N: HM1L41ZAP427H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B		5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	6.50	6.50	5.00	5.00
DIM-D = 2.9±0.3 NUMBER OF CTS = 21						
PERFORMANCE LEVEL = IEC CLASS-1 SP 427						

P/N: HM1L41ZAP433H6P	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C	5.75	5.00	5.75	5.75	5.75	5.75
ROW-B	5.75	5.75	5.75	5.75	5.75	5.75
ROW-A	6.50	6.50	6.50	6.50	6.50	6.50
DIM-D = 2.9±0.3 NUMBER OF CTS = 24						
PERFORMANCE LEVEL = IEC CLASS-1 SP 433						

P/N: HM1L41ZAP433H6PLF	CTS LOADING PATTERN					
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C	5.75	5.00	5.75	5.75	5.75	5.75
ROW-B	5.75	5.75	5.75	5.75	5.75	5.75
ROW-A	6.50	6.50	6.50	6.50	6.50	6.50
DIM-D = 2.9±0.3 NUMBER OF CTS = 24						
PERFORMANCE LEVEL = IEC CLASS-1 SP 433						

rev	ecn no	dr	date
F	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

OTHERS INFORMATIONS,SEE DRW C-8626-11210-1

European Views

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	CHAMPION	18/03/03	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 4: 1		
Eng	LENOIR	18/03/03			0.XX	±0.1				
Chr	LEGARE	18/03/03			0.XXX	±0.1				
Appr	LEGARE	18/03/03	Product family		METRAL		ECN		LS07-0184	
			Spec ref -							
			METRAL RA HEADER WB CONVE			dwg no C-8626-11210-2			Rev F	
title 4x6 CTS -STB- PUSH PEG										
catalog no			-			CUSTOMER			sheet 2 of 2	

REV F - 2008-04-17

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2

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4

PDS: Rev: F

STATUS: Released

Printed: Nov 06, 2012



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