



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

NOTE-1: "EYE OF THE NEEDLE" PRESS-FIT PIN TYPE  
 NOTE-2: CAVITY FOR CODING KEY MOUNTING AND CABLE CONNECTOR LATCH.  
 NOTE-3: INSERTION TOOLING ON PCB, SEE DRAWING REF C-8626-1001  
 NOTE-4: IF SUFFIX "P" IS ADDED IN P/N, PACKAGING IS IN TRAYS BUT CONNECTOR MARKING IS WITHOUT "P"  
 EXAMPLE: HM1W42xyR000H6P MARKED HM1W42xyR000H6  
 NOTE-5: P.C.B HOLES DEFINITION, SEE GS-12-445

rev	ecn no	dr	date
G	-	PER	2001/04/18
H	LS05-004	MLE	2005/02/14
J	LS06-0097	LGO	2006/07/26
K	LS07-0012	MLE	2007/03/23
-	-	-	-
-	-	-	-
-	-	-	-

TIN LEAD PART NUMBER

Part number: HM1W42xyR000H6									
Replace x by ( dim-P ±0.10 )					Replace y by				
	ROW-A	ROW-B	ROW-C	ROW-D					
A	5.00	5.00	5.00	5.00		P	if dim-D = 4.25±0.25		
B	6.50	5.00	5.00	5.00		K	if dim-D = 11.8±0.25		
C	6.50	5.75	5.75	6.50		V	if dim-D = 13.6±0.25		
D	6.50	6.50	6.50	6.50		L	if dim-D = 15.6±0.25		
E	5.75	7.25	5.75	5.75		N	if dim-D = 17.0±0.25		
H	8.00	8.00	7.25	6.50					
K	6.50	8.00	6.50	6.50					
L	5.75	5.75	5.75	5.75					
M	7.25	7.25	7.25	7.25					
N	8.00	8.00	8.00	8.00					

LEAD FREE PART NUMBER

Part number: HM1W42xyR000H6LF									
Replace x by ( dim-P ±0.10 )					Replace y by				
	ROW-A	ROW-B	ROW-C	ROW-D					
A	5.00	5.00	5.00	5.00		P	if dim-D = 4.25±0.25		
B	6.50	5.00	5.00	5.00		K	if dim-D = 11.8±0.25		
C	6.50	5.75	5.75	6.50		V	if dim-D = 13.6±0.25		
D	6.50	6.50	6.50	6.50		L	if dim-D = 15.6±0.25		
E	5.75	7.25	5.75	5.75		N	if dim-D = 17.0±0.25		
H	8.00	8.00	7.25	6.50					
K	6.50	8.00	6.50	6.50					
L	5.75	5.75	5.75	5.75					
M	7.25	7.25	7.25	7.25					
N	8.00	8.00	8.00	8.00					

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:  
 SEE PRODUCT SPECIFICATION GS-12-445

(REDUCED SCALE SHEET)

European Views

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	CHAMPION	12/12/35	ANGULAR	LINEAR
Eng	LENOIR	1991/07/30	0.X	±0.1
Chr	LEGARE	1991/07/30	0.XX	±0.1
Appr	LEGARE	1991/07/30	0.XXX	±0.1
Product family			METRAL	
Title			METRAL STRAIGHT HEADER - 48 WAY	
catalog no			C-8626-0010	
spec ref			CUSTOMER sheet 1 of 1	