



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

47X2 = 94

PART NUMBER

REFER DRAWING # 10159409

Part number: HM1W44xyR400HX(P)LF				
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
B =	6.50	5.00	5.00	5.00
C =	6.50	5.75	5.75	6.50
D =	6.50	6.50	6.50	6.50
E =	5.75	7.25	5.75	5.75
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
				P if dim-D = 4.25±0.25
				K if dim-D = 11.8±0.25
				V if dim-D = 13.6±0.25
				L if dim-D = 15.6±0.25
				N if dim-D = 17.0±0.25

NOTES:

- MATERIAL : BODY : LCP UL94-V0  
: CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING # 10159409
- "EYE OF THE NEEDLE" PRESS-FIT PIN TYPE.
- CAVITY FOR CODING KEY MOUNTING AND CABLE CONNECTOR LATCH.
- INSERTION TOOLING ON PCB , SEE DRAWING REF C-8626-1001.
- P.C.B HOLES DEFINITION- SEE GS-12-445.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47- 0004
- IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS BUT CONNECTOR MARKING IS WITHOUT "P"  
EXAMPLE: HM1W44xyR000HXPLF , MARKED HM1W44xyR000HXLF
- A/B SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

SPECIFIC DATAS:

- Visual inspection : 100%
- Marking failures
  - Housing material failures
  - Spoilt housing
  - Stained housing
  - Broken contacts ( twisted or loosen )

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

mat'l. code		NOTE 1	surface 58	tolerance	projection	product family
ltr		ecn no	dr	date	ISO 1302	ISO 406
A	LS08-0056	MLE	2008-02-14		ISO 1101	METRAL
B	ELX-1-38919	MINI	2020-10-16			
angles		linear		tolerances unless otherwise specified		title
0°±2°				0.X±0.3		METRAL STRAIGHT HEADER WB
				0.XX±0.13		PRESS-FIT / 8 MODULES / 4 ROWS
				0.XXX±0.050		dwg no
						sheet 1 of 1
						size
						A2
						type
						Product Customer Drawing
sheet index	revision	B				
1	1					