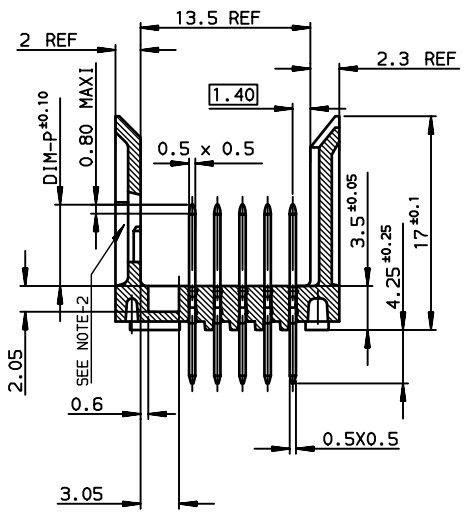
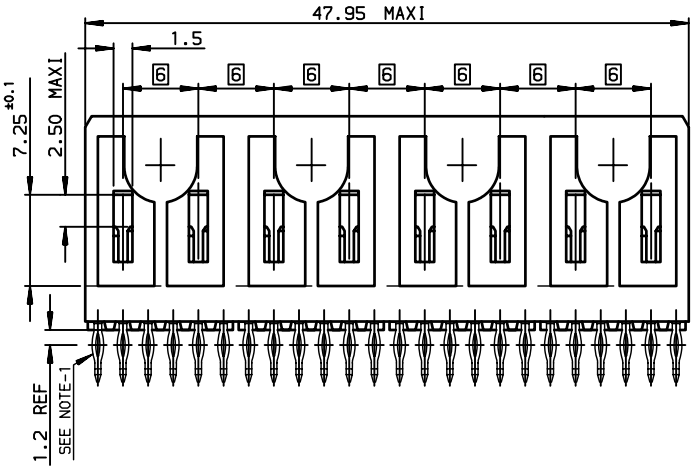




GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:
SEE PRODUCT SPECIFICATION GS-12-445

NOTE-1: "EYE OF THE NEEDLE"PRESS-FIT PIN TYPE

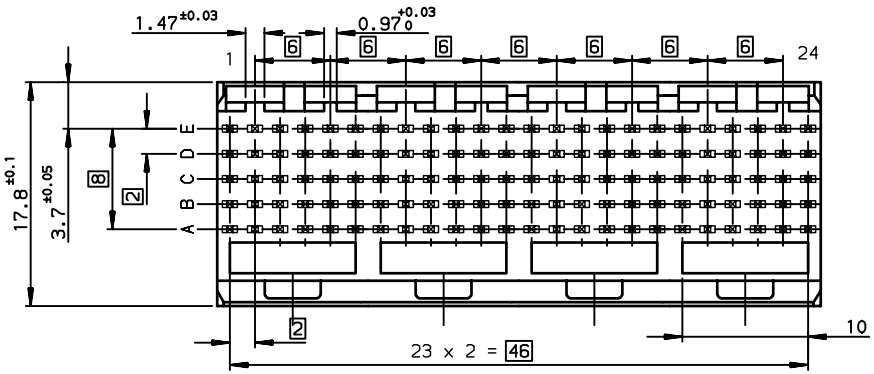
NOTE-2: CAVITY FOR CODING KEY MOUNTING AND CABLE CONNECTOR LATCH.

NOTE-3: IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS
BUT CONNECTOR MARKING IS WITHOUT "P"
EXAMPLE:HM1W53ZPRC51H6P, MARKED HM1W53ZPRC51H6

NOTE-4: INSERTION TOOLING ON PCB,SEE DRAWING REF C-8626-1002

NOTE-5: P.C.B HOLES DEFINITION - SEE GS-12-445

SPECIFIC DATAS: CONTACT LOADING,SEE FIGURE-1 AND TABLE-1



LAYOUT FOR P.C.B

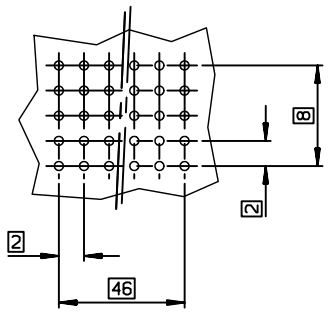


TABLE-1

CONTACT CODE			QTE
	DIM-P	DIM-D	
01	5.00	4.25	33
02	5.75	4.25	0
03	6.50	4.25	8

TIN LEAD Part Number: HM1W53ZPRC51H6P

LEAD FREE Part Number: HM1W53ZPRC51H6PLF

FIGURE-1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
E	03	19	03	19	03	19	03	19	19	01	01	19	19	19	19	19	01	19	01	19	19	19	19	19
D	04	19	03	19	03	19	03	19	19	01	01	19	19	04	19	01	19	01	19	19	01	19	01	19
C	01	19	19	19	19	19	03	19	19	01	01	19	19	19	19	19	01	19	01	19	19	19	19	19
B	04	19	04	19	01	19	01	19	01	01	19	19	19	01	19	19	19	19	19	19	19	19	19	19
A	19	01	01	01	01	01	01	01	01	01	19	19	19	19	19	19	01	19	01	19	01	01	19	19

rev	ecn no	dr	date
B	-	SPE	2001/05/14
C	LS05-004	MLE	2005/02/22
D	LS06-0095	LGO	2006/07/05
E	LS07-0012	MLE	2007/03/27
-	-	-	-
-	-	-	-
-	-	-	-

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REV F - 2006-04-17

European Views

www.fciconnect.com

surface ISO 1302 ✓ tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

projection mm

Dr	PERRICHOT	2001/05/09
Eng	LENOIR	2001/05/09
Chr	LEGARE	2001/05/09
Appr	LEGARE	2001/05/09

ANGULAR	LINEAR		
		0.X	±0.1
		0.XX	±0.1
0.XX°	±2°	0.XXX	±0.1

size A3 Scale 2.5

ECN LS07-0012

Product family METRAL Spec ref -

title: METRAL STRAIGHT HEADER
120 WAY SP C51

dwg no C-8626-11130 Rev. E

catalog no - CUSTOMER sheet 1 of 1

PDM: Rev:E STATUS:Released Printed: Jan 06, 2010