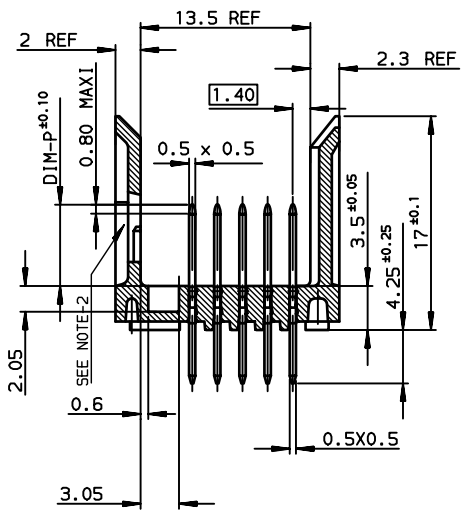
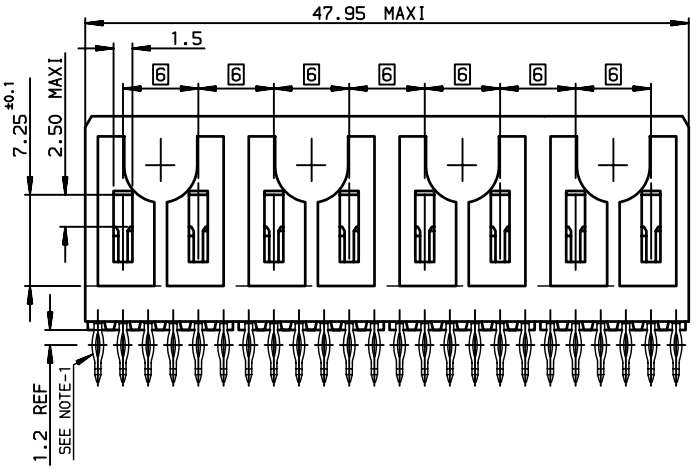




GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:
SEE PRODUCT SPECIFICATION GS-12-445

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

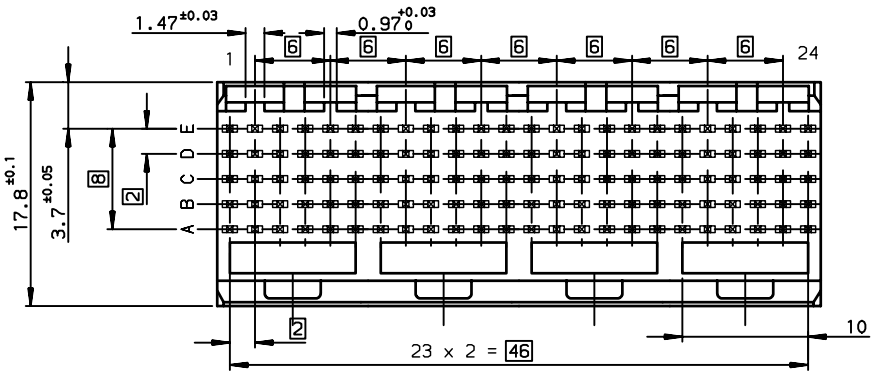
NOTE-2: CAVITY FOR CODING KEY MOUNTING AND CABLE CONNECTOR LATCH.

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

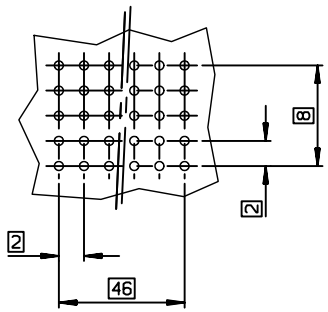


TABLE-1

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

European Views

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
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101		projection	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	PERRICHOT	2001/05/09	ANGULAR	LINEAR	0.X ±0.1	size A3	Scale 2.5
Eng	LENOIR	2001/05/09			0.XX ±0.1		
Chr	LEGARE	2001/05/09	0.XX° ±2°		0.XXX ±0.1	ECN	LS07-0012
Appr	LEGARE	2001/05/09	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

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