

1 2 3 4

A B C D

A B C D

Technical drawing showing connector side view and top view with dimensions. Side view dimensions include: 2 REF, 13.5 REF, 3.05, 1.40, 2.3 REF, 6.50±0.10, 0.80 MAXI, 0.5x0.5, 17±0.1, 3.5±0.05, 0.7, 4.25±0.25, 2.05, and Ø0.5 MAXI. Top view dimensions include: 23.95 MAXI, 1.5, 6, 6, 6, 7.25±0.1, and 2.50 MAXI.

LAYOUT FOR P.C.B
CONNECTOR SIDE VIEW

Technical drawing showing connector top view with dimensions: 4, 10, 2, 12, 22, and Ø1.51±0.05. A note indicates 'SEE NOTE-1'.

Technical drawing showing connector grid layout with dimensions: 1.47±0.03, 0.97^{+0.03}/_{-0.00}, 1, 6, 6, 6, 12, 17.8±0.1, 3.7±0.05, 8, 2, A, B, C, D, E, 2, 10, 11 x 2 = 22.

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:
SEE PRODUCT SPECIFICATION GS-12-446

NOTE-1: 2 PEGS AT EACH END ONLY
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: HM1W52DTR400H6P, MARKED HM1W52DTR400H6
NOTE-4: P.C.B HOLES DEFINITION - SEE GS-12-446

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

TIN LEAD PART NUMBER
PART NUMBER HM1W52DTR400H6P
LEAD FREE PART NUMBER
PART NUMBER HM1W52DTR400H6PLF
0.76 um Au & LEAD FREE PART NUMBER
PART NUMBER HM1W52DTR400HEPLF

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European Views

rev	ecn no	dr	date
A	-	-	2001/01/26
B	LS05-001	MLE	2005/03/15
C	LS06-0097	LGO	2006/07/21
D	LS07-0012	MLE	2007/03/27
E	ELX-DG-19618	MIC	2014/12/03
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	MICHAEL SONG	2014/12/03	ANGULAR	0.X ±0.1
Eng	MICHAEL SONG	2014/12/03	LINEAR	0.XX ±0.1
Chr	ZHEN LUO	2014/12/03	0.XX ±2	0.XXX ±0.1
Appr	COLLINS LU	2014/12/03	Product family	METRAL
title METRAL STRAIGHT HEADER				size A3
SP 400				Scale 2.5
catalog no				ECN ELX-DG-19619
dwg no C-8626-1115				Spec ref -
CUSTOMER				sheet 1 of 1

REV F - 2006-04-17

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