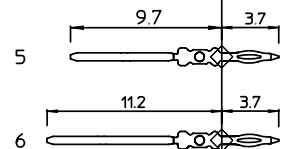


LOADING PATTERN MATING SIDE

y	6	6	6	6	6	6	6	6	6	6				6	6	6	6	6	6	6	6	6	6
h	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
g	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
f	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
e	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
d	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
c	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
b	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
a	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5
z	6	6	6	6	6	6	6	6	6	6				6	6	6	6	6	6	6	6	6	6
top	0				0					1				1					2				2
	1				5					0				5					0				5

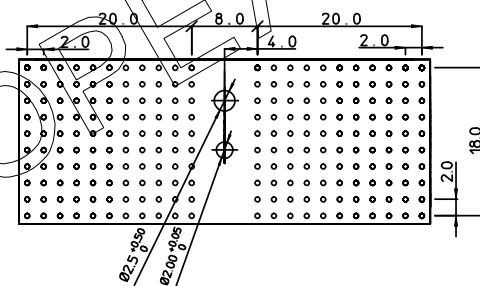
SHEET NR. : 5

CONTACT OVERVIEW



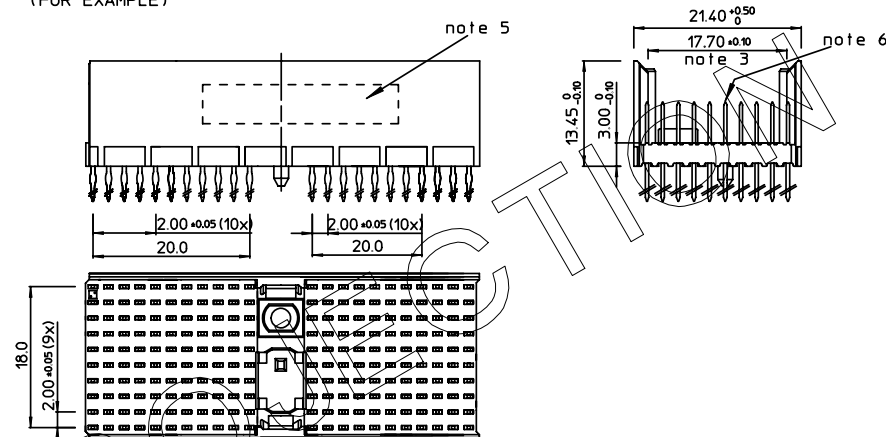
SEATING PLANE
FOR CONNECTOR

LAY-OUT P.C.B.-HOLE



LOADED CONNECTOR ASSEMBLY

(FOR EXAMPLE)



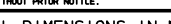
LEAD FREE INDICATOR : LF = LEAD FREE
(DIGIT 15 & 16)

HM2P87PDE121-4

PLATING CODE (DIGIT 13 AND 14)
(REF DWG No. BS,C ,201844,003)

NOTES:

1. THIS PRODUCT IS CSA APPROVED.
2. THIS PRODUCT IS UL RECOGNIZED.
3. MEASURED AT THE BOTTOM.
4. MATERIAL CONTACT: PHOSPHORBRONZE
HOUSING: CREAM WHITE GLASSFILLED
POLYESTER UL-94V0
5. CONNECTOR PRINTED WITH P/N AND DATE CODE.
6. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN
MATING SIDE.
7. SHAPE OF CONNECTOR HOUSING CAN ALTER
DEPENDING ON PRODUCTION LOCATION.
8. THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008
9. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572.001

1DEC $\pm 0,2$ 2DEC $\pm 0,1$ ANGLES $\pm 1^{\circ}$	APPR.	DATE	SIGN.	LOADING PATTERN OVERVIEW (8+2 ROW)	
	DRAFT	1999-09-27	M.Fret	CAT. No. HM2P87PDE121----	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	CHECKED			 www.fciconnect.com	SCALE
	PROD_MGR				
	PR.ENG_MGR				
ALL DIMENSIONS IN MM 	PR.MGT_MGR				
REFERENCES				BS , C , 202175,005 DRAWING No. CUSTOMER DRAWING REVISION C	

REV.	DATE	DESCRIPTION	BY	C'K'D'
D	2005-06-01	105-0083	ALEX B	BKP
E	2006-08-03	106-0119	ALEX B	BKP
F	2007-04-11	107-0049	ALEX B	BKP
G	2007-05-17	107-0058	ALEX B	BKP

MILLIPACS : CONTACT PLATING CODE OVERVIEW

HM2---P------(L-)(LF)

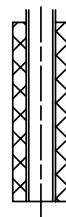
FOR LEAD FREE PLATING
OPTIONAL (NOTE 1)

PLATING CODE (DIGIT 13 AND 14)

PLATING CODE	DESCRIPTION	PERFORMANCE
L9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	TELCORDIA UE
E9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO
Z1	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 3 (50 mating cycles)
GE	MALE CONN.: REAR PLUG-UP CONTACTS	TELCORDIA UE
GL	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)/ TELCORDIA CO
GC	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)

NOTE :

- IN CASE OF STR HDR CONNECTORS :
EXTENSIONS CAN BE ADDED TO THE PLATING CODE
IF LUBRICATED CONTACTS ARE REQUIRED
L : LUBRICATED
L1: LUBRICATED TO MEET TELCORDIA GR-1217 CORE REQUIREMENTS
- PLATING AT EON AREA
LF : Sn MATT FINISH PLATING
ALL OTHER PART NOS : SnPb PLATING
- FOR PRODUCT SPEC. REFER GS-12-203

REF NOTE 2 FOR
EON PLATING

1DEC $\pm 0,2$ 2DEC $\pm 0,1$ ANGLES $\pm 1^\circ$	APPR. DRAFT CHECKED	DATE 2003-03-21	SIGN. M.Fret	MPACS CONTACT PLATING OVERVIEW	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR. PR. ENG. MGR. PR. MGT. MGR.			CAT. No. HM2---P------(L-)	SCALE
ALL DIMENSIONS IN MM	REFERENCES			FCI www.fciconnect.com	
PDM: Rev:G				STATUS: Released	
DRAWING No. BS,C ,201844,003				G	
CUSTOMER DRAWING				REVISION	

Mouser Electronics

Authorized Distributor

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[HM2P87PDE121N9LF](#)