

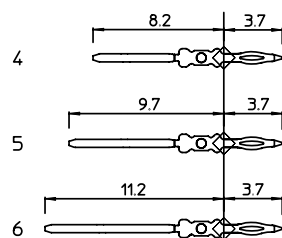
GEN. ST.		01		02		03		04		05		06		07		08		0D		50		60		70		80		90				
INT. ST.		10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

REV.	DATE	DESCRIPTION	BY	C'K'D'
A	2001-11-21	B10093	KN	
B	2005-11-09	105-0226	ALEX B	BKP
C	2006-08-07	106-0143	ALEX B	BKP

LOADING PATTERN MATING SIDE

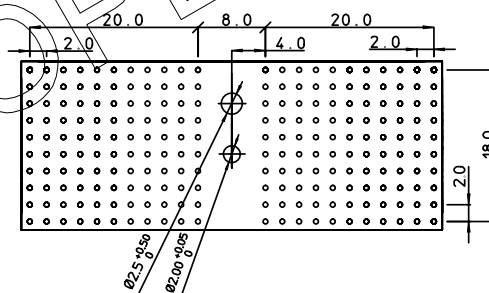
y	6	6	6	6	6	6	6	6	6	6				6	6	6	6	6	6	6	6	6	6	6
h	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5	5
g	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5	5
f	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5	5
e	5	5	5	5	5	5	5	5	5	5				5	5	5	5	5	5	5	5	5	5	5
d	5	5	6	5	5	5	6	5	6	5	4			6	5	6	5	6	5	6	5	6	5	5
c	5	6	5	6	5	5	5	5	5	5				5	5	5	5	5	6	5	6	5	5	5
b	5	5	5	5	5	5	5	5	5	5				5	5	4	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	5
z	6	6	6	6	6	6	6	6	6	6				6	6	6	6	6	6	6	6	6	6	6
pop	0 1					0 5					1 0										2 0			2 5

CONTACT OVERVIEW



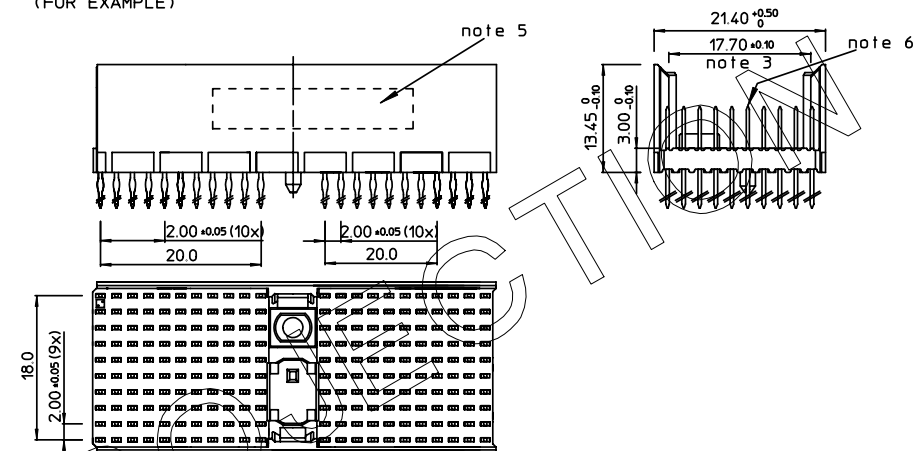
SEATING PLANE
FOR CONNECTOR

LAY-OUT P.C.B.-HOLE



LOADED CONNECTOR ASSEMBLY

(FOR EXAMPLE)



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

HM2P87PDF 1K 1

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 ±0.2 2DEC ±0.1 ANGLES ±1°	APPR.	DATE	SIGN.	MPACS 8+2R STR HDR CONN TYPE D	
	DRAFT	2001-10-01	M.Fret	CAT. No. HM2P87PDF1K1----	
	CHECKED				
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR.			 www.fciconnect.com	SCALE
	PR. ENG. MGR.				
	PR. MGT. MGR.				
ALL DIMENSIONS IN MM					

REFERENCES



BS, C, 202175, 207

C

STATUS: **Released** DRAWING No. CUSTOMER DRAWING REVISION
Printed: Dec 02, 2007

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DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE
TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.