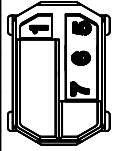


GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	76	81	82	83	84	88

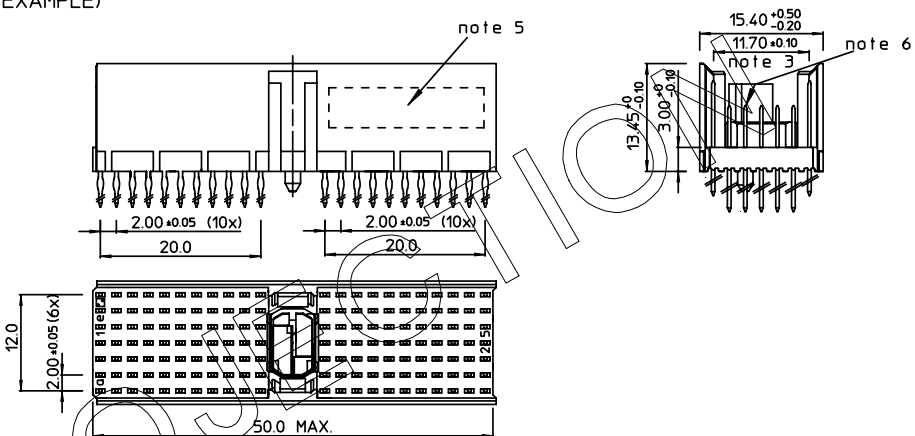
REV.	DATE	DESCRIPTION	BY	C'K'D'
A	2001-09-14	CONVERSION REVISION 01	KN	
B	2006-08-12	106-0147	ALEX B	BKP

### LOADING PATTERN MATING SIDE

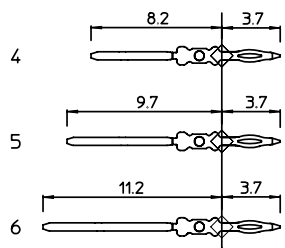
f	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
e	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
d	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5
c	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5
b	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
a	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Z	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
NO	0	0	1	1	2	2																		
NO	1	5	0	5	0	5																		



### LOADED CONNECTOR ASSEMBLY (FOR EXAMPLE)

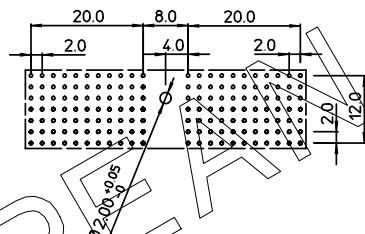


### CONTACT OVERVIEW



SEATING PLANE FOR CONNECTOR

### LAY-OUT P.C.B.-HOLE

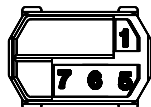


### PLATING TABLE

HM2P--P----- PLATING CODE (DIGIT 13 AND 14)

CODE	CONTACT AREA		
E9	1.00 μ Au min over 1.3 μ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	0.80 μ Au min over 1.3 μ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
Z1	0.40 μ Au min over 1.3 μ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)
GL	1.00 μ Au min over 1.3 μ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	0.80 μ Au min over 1.3 μ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
GC	0.40 μ Au min over 1.3 μ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)

### DISCRIMINATION KEY




HM2DK1567P  
COLOUR: BRILLIANT BLUE

### RECOMMENDED PLATED THROUGH HOLE DIMENSIONS

- \* DIAM. DRILLED HOLE : 0.675/0.725
- \* DIAM. FINISHED HOLE : 0.55/0.65
- \* Cu THICKNESS : 25/50μm.
- \* SnPb THICKNESS : 4/10μm.

### 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 GLASFILLED  
POLYESTER UL-94V0
5. CONNECTOR PRINTED WITH P/N AND DATE CODE.
6. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.

1DEC ±0.2 2DEC ±0.1 ANGLES ±1°	<b>APPR.</b>	<b>DATE</b>	<b>SIGN.</b>	MPACS STR HDR CONN TYPE A + DISCR KEY
	DRAFT	2001-05-31	R. Moons	<b>CAT. No.</b> HM2P07PDG1A1--1567
	CHECKED			
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR.			 www.fciconnect.com
	PR. ENG. MGR.			
ALL DIMENSIONS IN MM	PR. MGT. MGR.			SCALE

### REFERENCES

