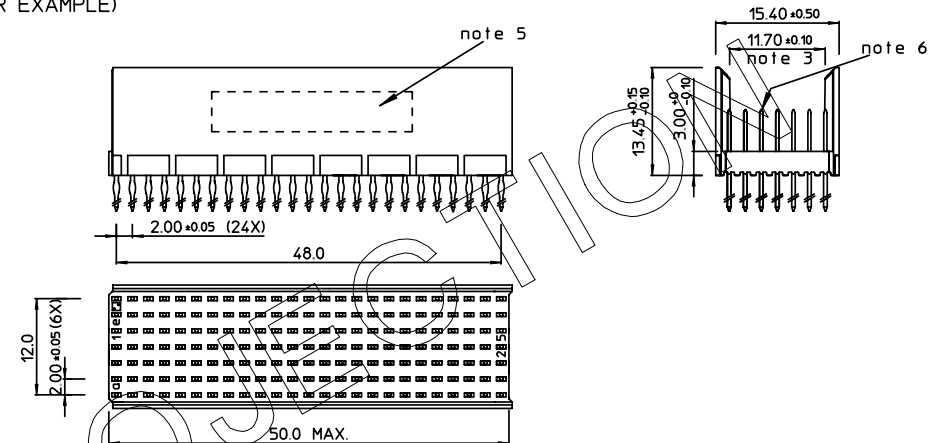


GEN. ST.	01		02		03		04		05		06		07		08		0D		50		60		70		80		90				
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

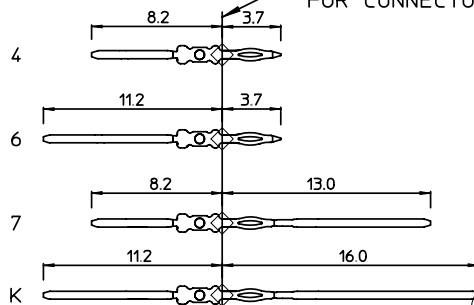
REV.	DATE	DESCRIPTION	BY	C'K'D'
A	14-09-01	CONVERSION REVISION 02	KN	
B	28-05-02	EC B20086	MF	
C	10-11-05	105-0227	VIVEK	BKP

LOADING PATTERN MATING SIDE

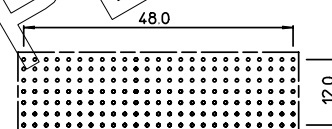
f	6	6	6	6	6	6	6	6	6	6	K	K	K	K	K	6	6	6	6	6	6	6	6	6	6	K					
e	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	7					
d	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	7					
c	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7					
b	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	7					
a	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	7					
z	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
POS	0 1						0 5						1 0						1 5						2 0						2 5

LOADED CONNECTOR ASSEMBLY
(FOR EXAMPLE)

CONTACT OVERVIEW



SEATING PLANE
FOR CONNECTOR

LAY-OUT P.C.B.-HOLE

HM2P08PKL2P5  LEAD FREE INDICATOR : LF = LEAD FREE
(DIGIT 15 & 16)PLATING CODE (DIGIT 13 AND 14)
(REF DWG No. BS,C ,201844,003)

NOTES:

- THIS PRODUCT IS CSA APPROVED.
- THIS PRODUCT IS UL RECOGNIZED.
- MEASURED AT THE BOTTOM.
- MATERIAL CONTACT: PHOSPHORBRONZE
HOUSING: CREAM WHITE GLASSFILLED
POLYESTER UL-94V0
- CONNECTOR PRINTED WITH P/N AND DATE CODE.
- FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.
- SHAPE OF CONNECTOR HOUSING CAN ALTER
DEPENDENT ON PRODUCTION LOCATION.
- THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001

1DEC ±0.2 1DEC 2DEC ±0.1 2DEC ANGLES ±1° HOEKEN	APPR. DRAFT CHECKED	DATE 15-06-00M.Fret	SIGN.	LOADING PATTERN OVERVIEW
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR. PR.ENG. MGR.			CAT. No. HM2P08PKL2P5----
ALL DIMENSIONS IN MM 	PR. MGT. MGR.			 FCI MECHLEN N.V. A. SPINOYSTRAT 8, 2800 MECHLEN
ALLE AFMETINGEN IN MM	REFERENCES / REFERENTIES			SCALE
				BS,C ,202788,007 C
				STATUS: Released
				CUSTOMER DRAWING REVISION

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OUR WRITTEN CONSENT, AND HAS TO BE RETURNED TO US IN CASE OF NO USAGEDIT IS ONZE EIGENDOM EN MAG NOCH NAGEMAAKT. HERDRUKT, OVERGEHAKT AAN
DEREN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE
TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.

REV.	DATE	DESCRIPTION	BY	C'K'D'
B	06-05-04	104-0029	ALEX B	BKP
C	14-01-05	105-0006	ALEX B	BKP
D	01-06-05	105-0083	ALEX B	BKP

MILLIPACS : CONTACT PLATING CODE OVERVIEW

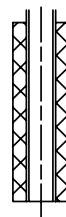
HM2---P------(L-)(LF)

FOR LEAD FREE PLATING
OPTIONAL (NOTE 1)
PLATING CODE (DIGIT 13 AND 14)

PLATING CODE	CONTACT AREA		
L9	1.25 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
E9	1.00 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	0.80 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 2 (250 mating cycles)
Z1	0.40 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 3 (50 mating cycles)
NN	0.15 μ Au Average over 1.02 μ NiP Average.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
NEN	0.38 μ Au Average over 1.02 μ NiP Average.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
GE	1.25 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	
GL	1.00 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	0.80 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
GC	0.40 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)
GN	0.15 μ Au Average over 1.02 μ NiP Average. (Both Front & Rear Sides)	MALE CONN.: REAR PLUG-UP CONTACTS	
GEN	0.38 μ Au Average over 1.02 μ NiP Average. (Both Front & Rear Sides)	MALE CONN.: REAR PLUG-UP CONTACTS	

NOTE :

- 1) 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
- 2) PLATING AT EON AREA
LF : Sn MATT FINISH PLATING(0.05 μ Min)
ALL OTHER PART NOS : SnPb PLATING(0.05 μ Min)



REF NOTE 2 FOR
EON PLATING

1DEC ± 0.2 1DEC 2DEC ± 0.1 2DEC ANGLES $\pm 1^\circ$ HOEKEN	APPR. DRAFT CHECKED	DATE 210303	SIGN. M.Fret	MPACS CONTACT PLATING OVERVIEW	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR. PR. ENG. MGR.			CAT. No. HM2---P------(L-)	
ALL DIMENSIONS IN MM	PR. MGT. MGR.			A FCI	SCALE
ALLE AFMETINGEN IN MM	REFERENCES / REFERENTIES			FCI MECHELEN N.V. A. SPINOYSTRAT 8, 2800 MECHELEN	
				BS,C ,201844,003	D