

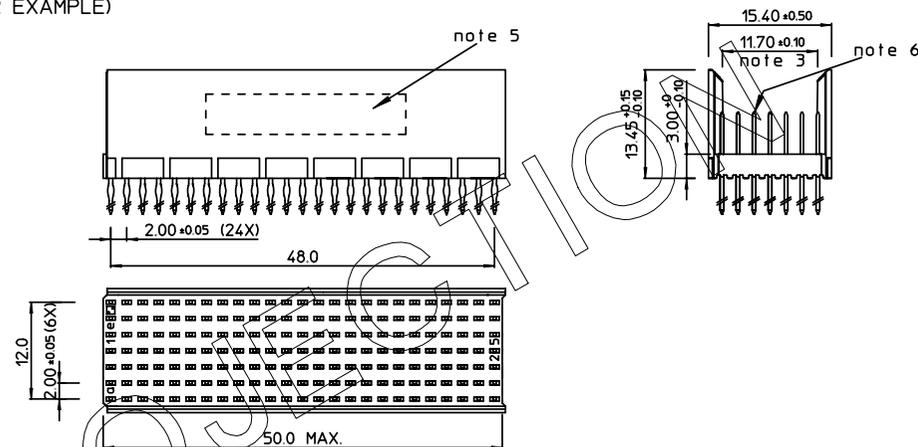
GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

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

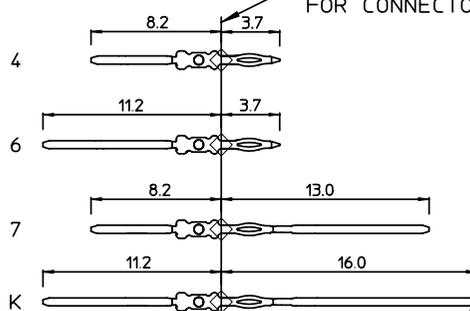
f	6	6	6	6	6	6	6	6	6	6	K	K	K	K	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	K	
e	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7
d	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7
c	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7
b	4	4	4	4	4	4	4	4	4	4	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	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	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	0	0	0	0	0
P	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	0	0	0	0	0
SO	1	5	1	5	2	5																									

LOADED CONNECTOR ASSEMBLY (FOR EXAMPLE)

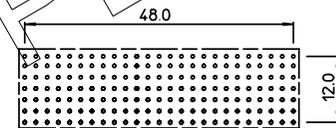


CONTACT OVERVIEW

SEATING PLANE FOR CONNECTOR



LAY-OUT P.C.B.-HOLE



EUROPEAN PRO

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

HM2P08PKL2P5

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 DEPENDING 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. PR. MGT. MGR.			CAT. No. HM2P08PKL2P5----
ALL DIMENSIONS IN MM	REFERENCES / REFERENTIES			SCALE
				FCI FCI MECHELEN N.V. A. SPINOYSTRAT 8, 2800 MECHELEN
				BS,C ,202788,007 C

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'
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)

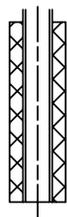
FOR LEAD FREE PLATING
 OPTIONAL (NOTE 1)
 PLATING CODE (DIGIT 13 AND 14)

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	

EUROPEAN

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 μMin)
 ALL OTHER PART NOS : SnPb PLATING(0.05 μMin)



REF NOTE 2 FOR
EON PLATING

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

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