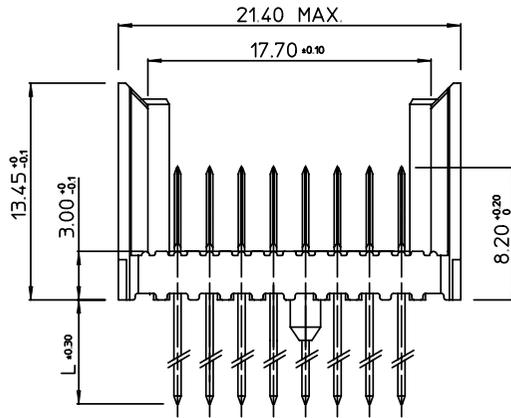
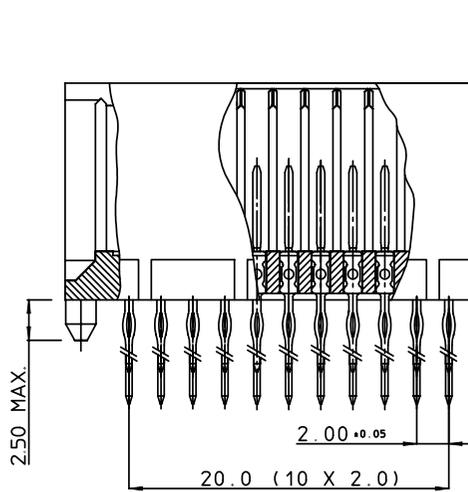


GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

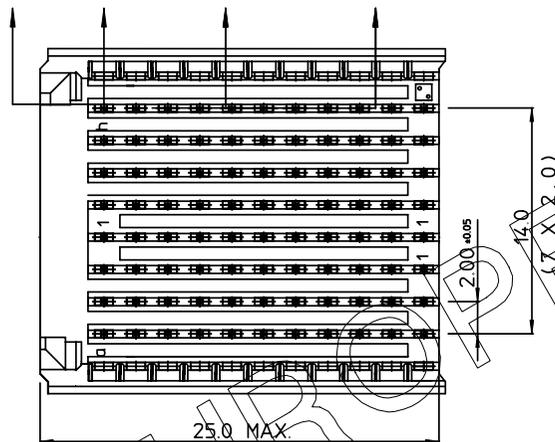
REV.	DATE	DESCRIPTION	BY	C'K'D'
A	2001-09-14	CONVERSION REVISION 01	KN	
B	2005-10-26	105-0205	ALEX B	BKP
C	2006-08-08	106-0144	ALEX B	BKP



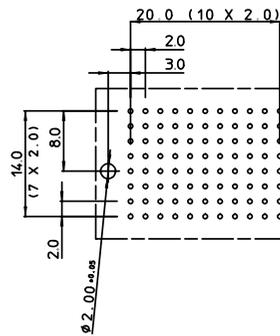
PERFORMANCE CHARACTERISTICS

CURRENT RATING : 1,5 A AT 20°C (FULLY LOADED)
 CURRENT RATING : 1 A AT 70°C (FULLY LOADED)
 RATED VOLTAGE : 500 V AC (CONT / CONT)
 OPERATING TEMPERATURE : -55°C TO 125°C
 CONTACT RESISTANCE : 20 mΩ MAX
 INSERTION FORCE : 0,60 N MAX / CONT
 EXTRACTION FORCE : 0,15 N MIN / CONT
 INSULATION RESISTANCE : 10⁴ MΩ MIN

CAT. NR.	L ±0.3	DESCRIPTION
HM2P82PD8110----	3.7	SHORT PRESS-FIT
HM2P82PC8110----	4.5	SHORT PRESS-FIT
HM2P82PK8110----	13	REAR PLUG-UP: LEVEL 1
HM2P82PM8110----	14.5	REAR PLUG-UP: LEVEL 2
HM2P82PN8110----	16	REAR PLUG-UP: LEVEL 3
HM2P82PT8110----	13	WIRE WRAP



LAY-OUT
P.C.B. - HOLE



NOTES

- *HM2P82P#8110---*
 PERFORMANCE LEVEL INDICATOR (REFER DWG No. BS,C ,201844,003)
 LEAD FREE INDICATOR : LF=LEAD FREE (DIGIT 15&16)
- THIS PRODUCT IS CSA APPROVED.
 THIS PRODUCT IS UL RECOGNIZED.
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

MALE SIGNAL STRAIGHT PRESS-FIT-TO-BOARD CONNECTOR				
EXTENSION MODULE (WIDE BODY)				
1DEC ±0,2 2DEC ±0,1 ANGLES ±1°	APPR.	DATE	SIGN.	MILLIPACS 2 / TYPE FR (8 ROW) / NO SHIELDING
	DRAFT	1998-10-20	M.Fret	CAT. No. HM2P82P#8110----
	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 3/1
	REFERENCES			BS,C ,202259,005
				C

THIS IS OUR EXCLUSIVE PROPERTY. IT IS NOT TO BE COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY, NOR USED FOR MANUFACTURING WITHOUT OUR WRITTEN CONSENT, AND HAS TO BE RETURNED TO US IN CASE OF NO USAGE

DIT IS ONZE EIGENDOM EN MAG NIET NAGEMAAKT, HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.

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

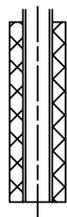
HM2---P------(L-)(LF)

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	

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 \pm 0.2 1DEC 2DEC \pm 0.1 2DEC ANGLES \pm 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.			SCALE
ALL DIMENSIONS IN MM	REFERENCES / REFERENTIES			FCI MECHELEN N.V. A. SPINOYSTRAT 8, 2800 MECHELEN
ALLE AFMETINGEN IN MM				BS,C ,201844,003 D

THIS IS OUR EXCLUSIVE PROPERTY. IT IS NOT TO BE COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY, NOR USED FOR MANUFACTURING WITHOUT OUR WRITTEN CONSENT, AND HAS TO BE RETURNED TO US IN CASE OF NO USAGE

DIT IS ONZE EIGENDOM EN MAG NIET NAAGEMAKT, HERDRUKT, OVERGEMAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.