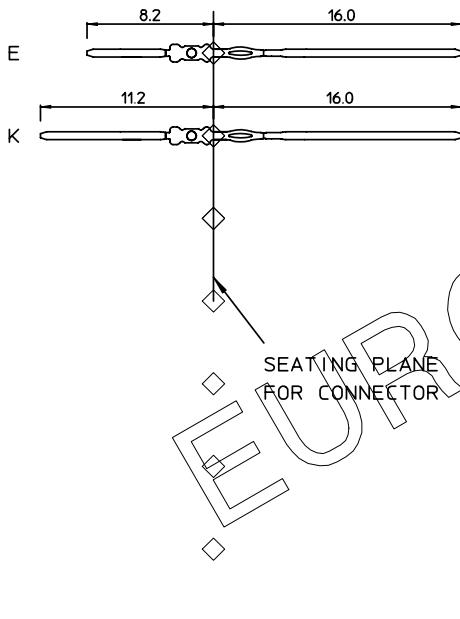


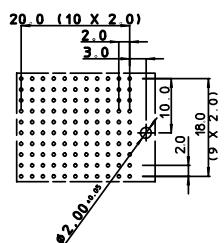
LOADING PATTERN MATING SIDE

y	K	K	K	K	K	K	K	K	K	K	K
h	9	9	9	9	9	9	9	9	9	9	9
g	9	9	9	9	9	9	9	9	9	9	9
f	9	9	9	9	9	9	9	9	9	9	9
e	9	9	9	9	9	9	9	9	9	9	9
d	9	9	9	9	9	9	9	9	9	9	9
c	9	9	9	9	9	9	9	9	9	9	9
b	9	9	9	9	9	9	9	9	9	9	9
a	9	9	9	9	9	9	9	9	9	9	9
z	K	K	K	K	K	K	K	K	K	K	K
<b>P O S E</b>	0 1				0 5					1 0	

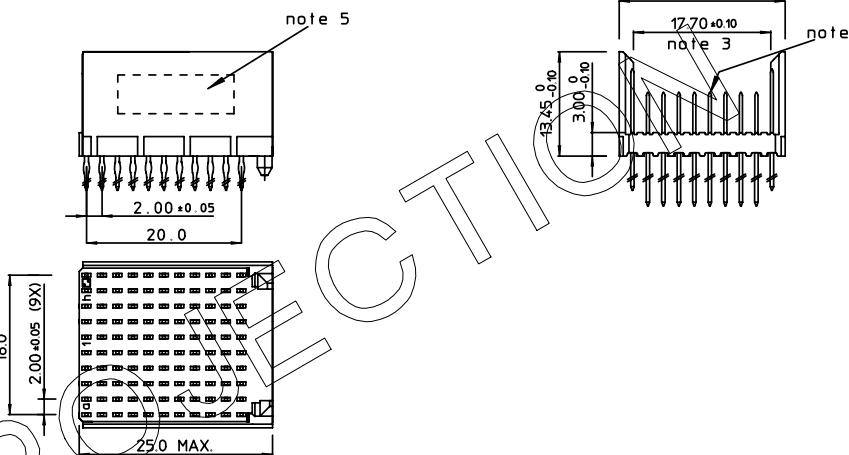
## CONTACT OVERVIEW



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



LOADED CONNECTOR ASSEMBLY  
(FOR EXAMPLE)



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

HM2P89PN8114   
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 F
	DRAFT	2003-01-07	M. Fret	CAT. No. HM2P89PN8114----
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	CHECKED			
ALL DIMENSIONS IN MM	PROD. MGR.			SCALE
	PR ENG MGR.			
	PR. MGT. MGR.			
	REFERENCES			
				BS, C, 202175, 252
				DRAWING No. CUSTOMER DRAWING REVISION

BS, C , 201844, 003	G	GFN ST	01	02	03	04	05	06	07	08	0D	50	60	70	80	90	REV.	DATE	DESCRIPTION	BY	C'K'D'										
		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
																	D	2005-06-01	105-0083	ALEX B	BKP										
																	E	2006-08-03	106-0119	ALEX B	BKP										
																	F	2007-04-11	107-0049	ALEX B	BKP										
																	G	2007-05-17	107-0058	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	DESCRIPTION	PERFORMANCE
L9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	TELCORDIA UE
E9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 2 (250 mating cycles) / TELCORDIA CO
Z1	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 3 (50 mating cycles)
GE	MALE CONN.: REAR PLUG-UP CONTACTS	TELCORDIA UE
GL	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles) / TELCORDIA CO
GC	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)

NOTE :

1) IN CASE OF STR HDR CONNECTORS :

EXTENSIONS CAN BE ADDED TO THE PLATING CODE

IF LUBRICATED CONTACTS ARE REQUIRED

L : LUBRICATED

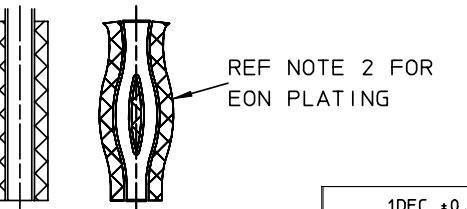
L1: LUBRICATED TO MEET TELCORDIA GR-1217 CORE REQUIREMENTS

2) PLATING AT EON AREA

LF : Sn MATT FINISH PLATING

ALL OTHER PART NOS : SnPb PLATING

3) FOR PRODUCT SPEC. REFER GS-12-203



1DEC $\pm 0,2$ 2DEC $\pm 0,1$ ANGLES $\pm 1^\circ$	APPR.	DATE	SIGN.	MPACCS CONTACT PLATING OVERVIEW
DRAFT	2003-03-21	M. Fret		CAT. No. HM2---P-----(L-)
CHECKED				FCI
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR.			www.fciconnect.com
	PR. ENG. MGR.			SCALE
ALL DIMENSIONS IN MM	PR. MGT. MGR.			
REFERENCES				
BS, C , 201844, 003	G			
8	7	6	5	4
PDM: Rev:G				
STATUS: Released				
DRAWING NO. 2				
CUSTOMER DRAWING REVISION				
PRINTED: DEC-02, 2003				

# Mouser Electronics

Authorized Distributor

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