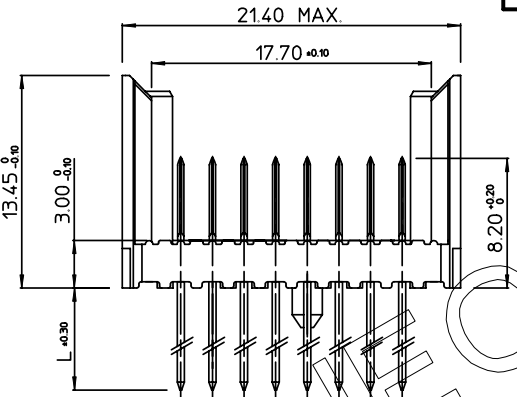
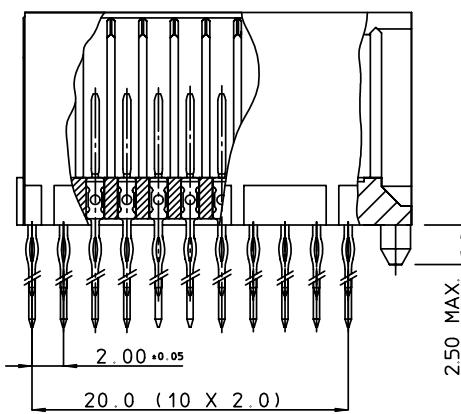


|          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | 83 | 84 | 88 |

| REV. | DATE       | DESCRIPTION            | BY     | C'K'D' |
|------|------------|------------------------|--------|--------|
| A    | 2001-09-14 | CONVERSION REVISION 03 | KN     |        |
| B    | 2005-10-26 | I05-0205               | ALEX B | BKP    |
| C    | 2006-08-08 | I06-0144               | ALEX B | BKP    |



**PERFORMANCE CHARACTERISTICS**

CURRENT RATING : 1.5 A AT 20°C ( FULLY LOADED )  
 1 A AT 70°C ( FULLY LOADED )

RATED VOLTAGE : 500 V AC (CONT / CONT )

OPERATING TEMPERATURE : -55°C TO 125°C

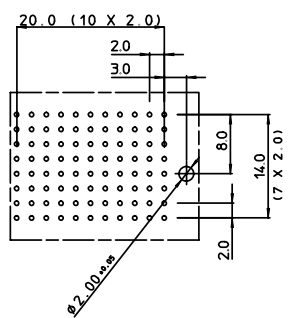
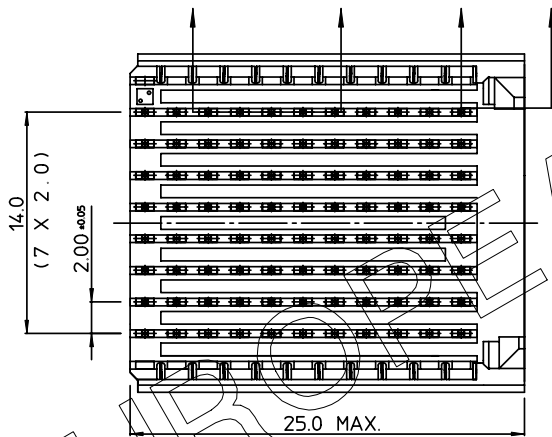
CONTACT RESISTANCE : 20 mΩ MAX

INSERTION FORCE : 0.60 N MAX / CONT

EXTRACTION FORCE : 0.15 N MIN / CONT

INSULATION RESISTANCE : 10<sup>4</sup> MΩ MIN

| CAT. NR.         | L ±0.3 | DESCRIPTION           |
|------------------|--------|-----------------------|
| HM2P89PD8110---- | 3.7    | SHORT PRESS-FIT       |
| HM2P89PC8110---- | 4.5    | SHORT PRESS-FIT       |
| HM2P89PK8110---- | 13     | REAR PLUG-UP: LEVEL 1 |
| HM2P89PM8110---- | 14.5   | REAR PLUG-UP: LEVEL 2 |
| HM2P89PN8110---- | 16     | REAR PLUG-UP: LEVEL 3 |
| HM2P89PT8110---- | 13     | WIRE WRAP             |




LAY-OUT  
P.C.B. - HOLE

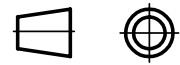
**NOTES**

1. \*HM2P89P#8110<sup>C</sup>\*  
 PERFORMANCE LEVEL INDICATOR  
 (REFER DWG No. BS.C ,201844,003)  
 LEAD FREE INDICATOR : LF-LEAD FREE  
 (DIGIT 15&16)
2. THIS PRODUCT IS CSA APPROVED.  
 THIS PRODUCT IS UL RECOGNIZED.
3. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS.A ,201572,001
4. 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<br>2DEC ±0.1<br>ANGLES ±1°  | <b>APPR.</b>  | <b>DATE</b> | <b>SIGN.</b> | MILLIPACS 2 / TYPE F (8 ROW) / NO SHIELDING  |
|   | DRAFT         | 1996-04-30  | W.Panle      | <b>CAT. No.</b> HM2P89P#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. |             |              |  |

**REFERENCES**



BS.C ,202259,003 C

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