

BS.C ,201632,020

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

60

72

73

76

81

82

83

84

88

REV.

DATE

DESCRIPTION

BY

C'K'D'

A

2001-09-14

CONVERSION REVISION 02

KN

B

2005-10-05

105-0184

ALEX B

BKP

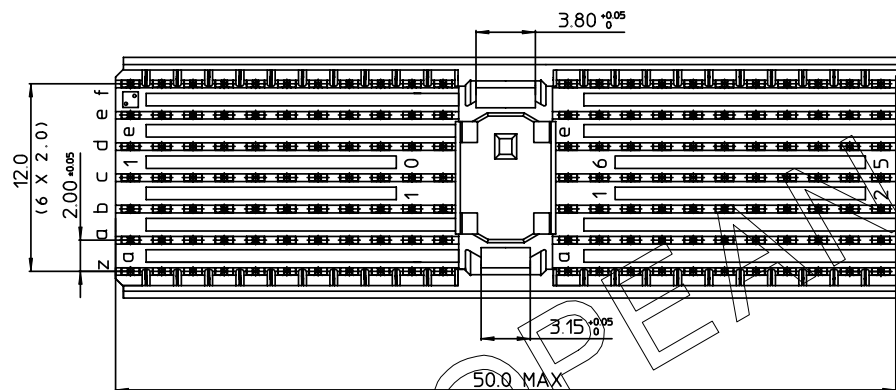
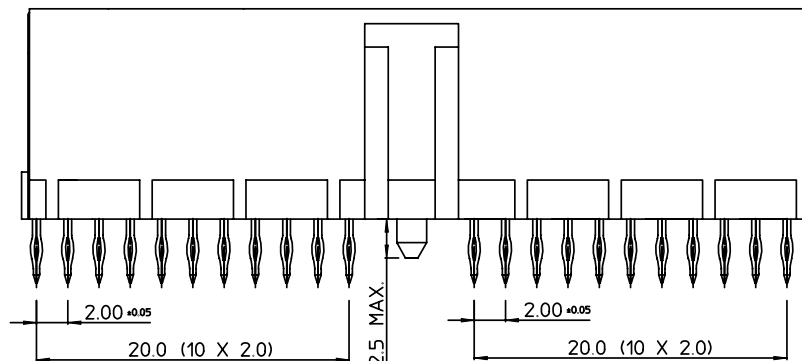
C

2006-07-05

106-0096

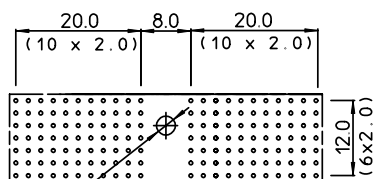
VIVEK

BKP



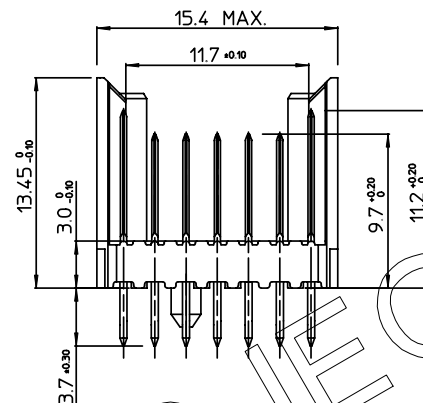
CONTACT LAY-OUT

ROW Z, F : MATING LEVEL 3 / SHORT TERMINATION
ALL POS
ROW A, B, C, D, E : MATING LEVEL 2 / SHORT TERMINATION
ALL POS

LAY-OUT
P.C.B.-HOLES

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 NOCH NAGEMAAKT, HERDRIJKT, OVERGEMAAKT AAN
DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE
TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.



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 : 0.75 N MAX / CONT
EXTRACTION FORCE : 0.15 N MIN / CONT
INSULATION RESISTANCE : 10⁴ MΩ MIN

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

HM2P07PDE121

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

MALE SIGNAL STRAIGHT PRESS-FIT-TO-BOARD CONNECTOR
WITH SERVICECENTER

1DEC ±0.2 2DEC ±0.1 ANGLES ±1°	APPR.	DATE	SIGN.	MILLIPACS 2 / TYPE A / SHIELDED
	DRAFT	1997-01-23	W. Panis	CAT. No. HM2P07PDE121----
	CHECKED			
	PROD. MGR.			
	PR. ENG. MGR.			
	PR. MGT. MGR.			

ALL DIMENSIONS IN MM

REFERENCES



www.fciconnect.com

SCALE

3/1

BS.C ,201632,020

C

DRAWING No.

CUSTOMER DRAWING

REVISION

PDM: Rev.C

STATUS: Released

Printed: Dec 01, 2007