

TIN LEAD PART NUMBER

Part Number: HM1D59ZZR470H6P

LEAD-FREE PART NUMBER

Part Number: HM1D59ZZR470H6PLF

CODE	DIM - X	POSITION	QTE	CAVITY WITHOUT CONTACT	QTE
●	7.25 ±0.10	C6-C7-C113-C114	004	B1-B3-01-D3 and column 2-4-10-22	69
○	5.75 ±0.10	ALL OTHER CONTACTS	497	23-30-31-32-37-38-47-48-49	

OTHER INFORMATIONS SEE DRAWING N° C-8626-0942-2

- NOTE-1: "EYE OF THE NEEDLE" PRESS-FIT PIN TYPE
- NOTE-2: CAVITY FOR CODING KEY MOUNTING AND CABLE CONNECTOR LATCH.
- NOTE-3: INSERTION TOOLING ON PCB, TO BE DEFINED
- NOTE-4: IF SUFFIX "P" IS ADDED IN P/N, PACKAGING IS IN TRAYS BUT CONNECTOR MARKING IS WITHOUT "P" EXAMPLE: HM1D59ZZR470H6P, MARKED HM1D59ZZR470H6

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:
SEE PRODUCT SPECIFICATION GS-12-445

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surface ISO 1302 ✓ tolerance std ISO 406 ISO 1101 projection mm

tolerances UNLESS OTHERWISE SPECIFIED

Dr CHAMPION 1999/01/11 Eng LENOIR 1999/01/11 Chr LEGARE 1999/01/11 Appr LEGARE 1999/01/11

ANGULAR LINEAR 0.X ±0.1 0.XX ±0.1 0.XXX ±0.1

size A2 Scale 2.5

ECN L507-0012

Product family METRAL Spec ref -

FCJ METRAL MALE 5 ROWS 501+2 WAYS SPECIFIC FOR NORTHERN TELECOM

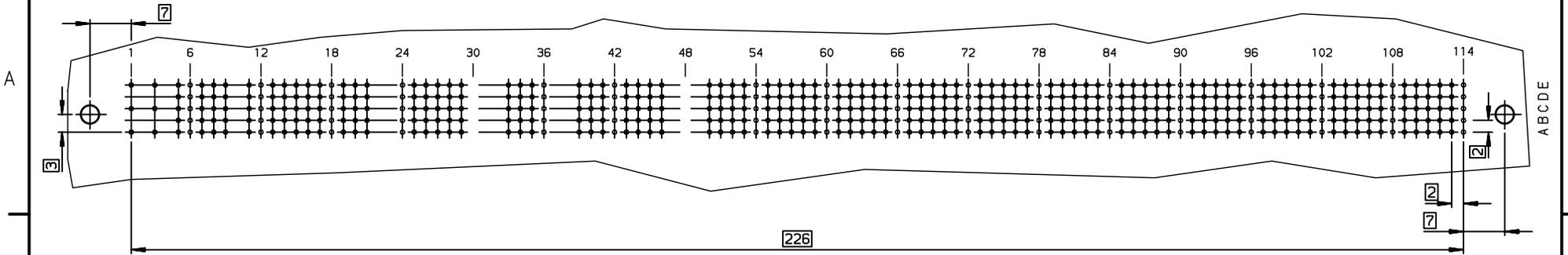
C-8626-0942-1

Rev. L

CUSTOMER sheet 1 of 2

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LAYOUT FOR P.C.B / CONNECTOR SIDE / SCALE 1.5/1

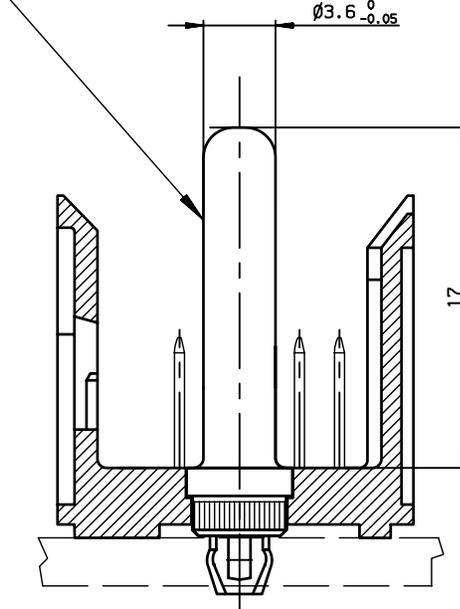
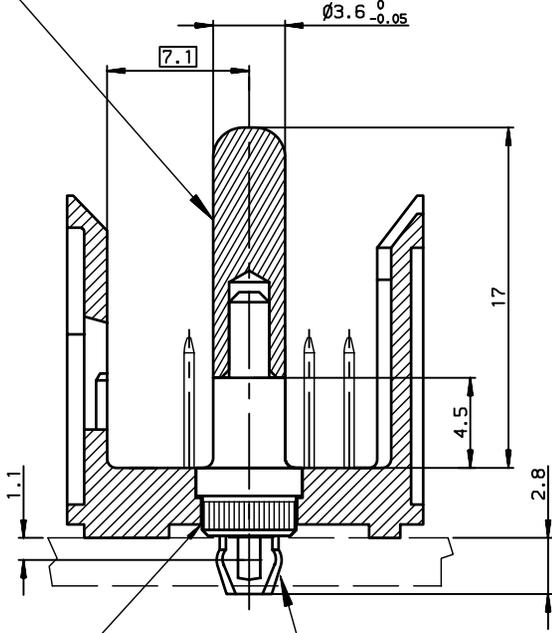


INSERT IN POSITION -01

INSERT IN POSITION -21

FORCE FITTED PLASTIC TIP

FULL METAL CTS/GUIDE



OTHER INFORMATIONS SEE DRAWING N° C-8626-0942-1

NOTE-1: "EYE OF THE NEEDLE" PRESS-FIT PIN TYPE

NOTE-2: POWER CONTACT CAVITY ACCORDING TO IEC-48B/424/CDV AND DIN 41612 TEIL-8

NOTE-3: POWER CONTACTS ARE INSERTED IN HOUSING BEFORE DELIVERY
POWER CONTACTS WITH EYE OF THE NEEDLE PRESS-FIT TERMINATION
POWER CONTACTS COMPATIBLE WITH RATING CURRENT = 40 A MAXI

NOTE-4: IF SUFFIX "P" IS ADDED IN P/N, PACKAGING IS IN TRAYS
BUT CONNECTOR MARKING IS WITHOUT "P"
EXAMPLE: HM1D59ZZR470H6P, MARKED HM1D59ZZR470H6

HIGH POWER PRESS-FIT TERMINATION

FORCE FITTED IN HOUSING

DETAIL OF POWER/GUIDE CONTACT / SCALE 4/1

rev	ecn no	dr	date
F	-	PER	2003/06/12
J	LS05-004	MLE	2005/02/19
K	LS06-0097	LGO	2006/07/25
L	LS07-0012	MLE	2007/03/30
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm	European Views
TOLERANCES UNLESS OTHERWISE SPECIFIED					
ANGULAR	LINEAR	0.X	±0.1		
0.XX	±2'	0.XX	±0.1	ECN	LS07-0012
Appr	LEGARE	1999/01/12	Product family	METRAL	Spec ref -
		METRAL MALE 5 ROWS 501+2 WAYS SPECIFIC FOR NORTHERN TELECOM		dwg no C-8626-0942-2	Rev. L
catalog no		-		CUSTOMER	sheet 2 of 2