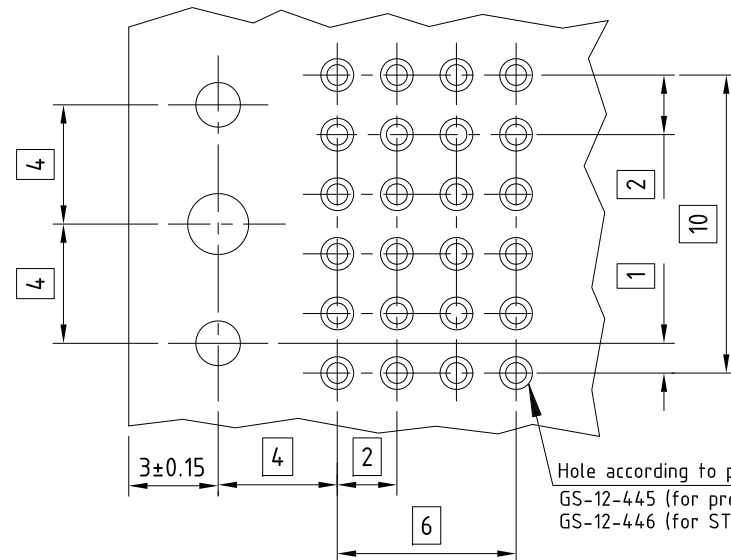
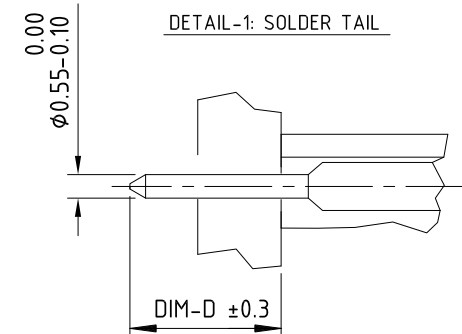
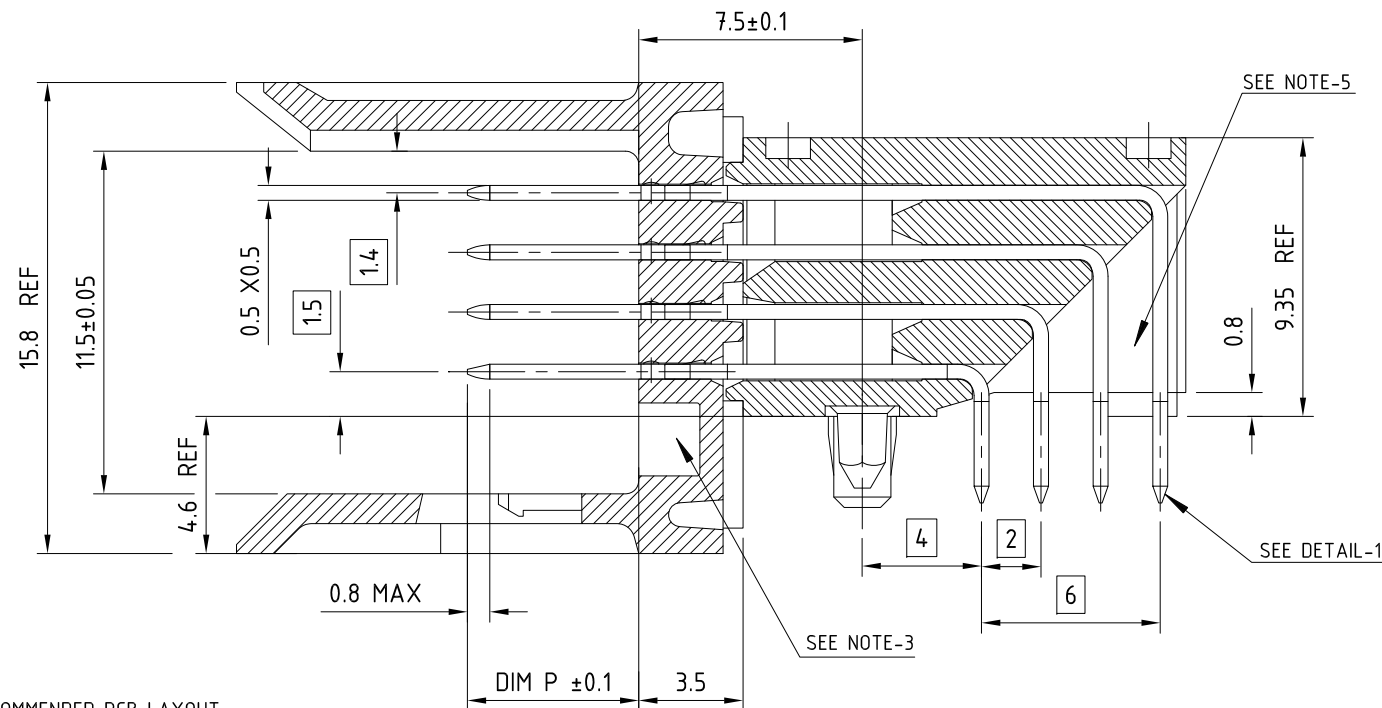


RECOMMENDED PCB LAYOUT
PER 12MM LENGTH



Hole according to product spec
GS-12-445 (for press-fit) ,
GS-12-446 (for STB)

SECTION-A
SCALE 4:1



NOTE :

1. MATERIAL : BODY : LCP UL94-V0
: CONTACT : COPPER ALLOY.
2. FOR PLATING PERFORMANCE REFER DRAWING # 10159409
3. CODING RECESS FOR 8MM EXTENDED KEYS
4. PRODUCT MARKING = PRODUCT NUMBER + BATCH CODE + FCI
FOR 2 MODULE SIZE,END OF PART NUMBER ONLY
5. CENTRAL WALL WITH END REAR SUPPORT
6. PACKAGING IN TRAY + COVER
IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS
BUT CONNECTOR MARKING IS WITHOUT "P"
EXAMPLE: HM1XXXXXXXXXHyPLF, MARKED HM1XXXXXXXXXHyLF
7. THE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
8. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN. AuCONTACT SURFACE OF THE CONTACT SHALL BE EXPOSED TO A MAXIMUM 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION GS-12-446

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406 ISO 1101		METRAL		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
F	-	CHA	2003-07-03	angles	linear	mm	METRAL RA HDR WB CONVERGE 4X12 CTS - STB - PUSH PEG		
G	LS05-0056	MLE	2005-06-06						
H	LS06-0097	LGO	2006-07-13						
J	LS07-0184	MLE	2007-07-24	dr	CHAMPION	1994-09-09	dwg no		sheet 1 of 2
K	ELX-I-38109	MINI	2020-08-24	engr	ARUN	2020-08-24	C-8626-0155		A3
				chr	ALEX BABU	2020-08-24			
				appd	SANOJ	2020-08-24			
sheet index	revision sheet	K	1				type Product Customer Drawing		

TIN LEAD PART NUMBER

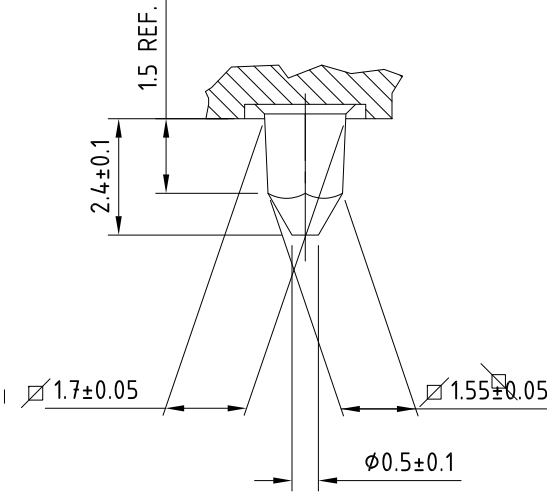
PART NUMBER / CONTACT LOADING						
DIM-P ±0.10				DIM-D ±0.3	P/N AND PERFORMANCE LEVEL	SP N°
ROW-A	ROW-B	ROW-C	ROW-D			
5.00	5.00	5.00	5.00	TABLE-2	HM1L42AxP000HyPLF	
5.75	5.75	5.75	5.75	TABLE-2	HM1L42LxP000HyPLF	
6.50	6.50	6.50	6.50	TABLE-2	HM1L42DxP000HyPLF	
6.50	5.00	5.00	5.00	TABLE-2	HM1L42BxP000HyPLF	
6.50	5.75	5.75	6.50	TABLE-2	HM1L42CxP000HyPLF	
5.00	5.00	6.50	5.00	TABLE-2	HM1L42ZxP110HyPLF	110
5.00	5.75	6.50	5.00	TABLE-2	HM1L42ZxP430HyPLF	430
5.00	5.75	5.00	5.00	TABLE-2	HM1L42ZxP448HyPLF	448
5.75	5.00	5.00	5.00	TABLE-2	HM1L42ZxP009HyPLF	009
5.75	6.50	5.75	5.00	TABLE-2	HM1L42ZxP424HyPLF	424
6.50	5.75	6.50	5.75	TABLE-2	HM1L42ZxP037HyPLF	037
6.50	5.75	5.00	5.75	TABLE-2	HM1L42ZxP102HyPLF	102
6.50	6.50	6.50	5.75	TABLE-2	HM1L42ZxP135HyPLF	135
6.50	5.75	5.75	5.75	TABLE-2	HM1L42ZxP369HyPLF	369
8.00	6.50	5.75	6.50	3.70	HM1L42ZBP326HyPLF	326

y -Ref: Plating Code DWG :1015409

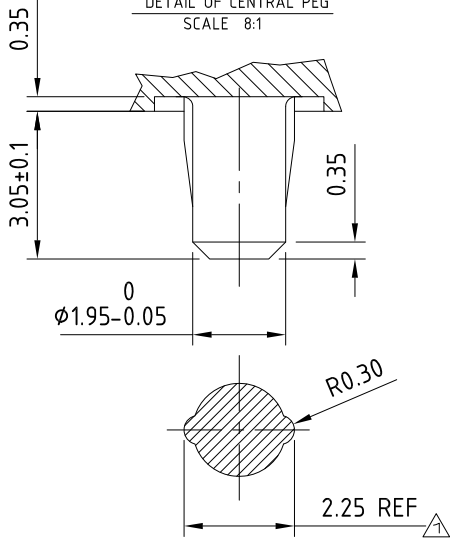
DIM-D=2.9 / replace 'x' by 'A' in the P/N

DIM-D=3.7 / replace 'x' by 'B' in the P/N

DETAIL OF LOCATING PEGS (2x)
SCALE 8:1



DETAIL OF CENTRAL PEG
SCALE 8:1



mat'l. code				surface		tolerance		projection		product family											
				ISO 1302		ISO 406 ISO 1101				METRAL											
				tolerances unless otherwise specified								title									
ltr	ecn no	dr	date	angles		linear		.X±0.10		METRAL RA HDR WB CONVERGE 4X12 CTS - STB - PUSH PEG											
F	-	CHA	2003-07-03					.XX±0.10													
G	LS05-0056	MLE	2005-06-06					.XXX±0.10													
H	LS06-0097	LGO	2006-07-13	0°±2°				scale		—											
J	LS07-0184	MLE	2007-07-24	dr	CHAMPION		1994-09-09				dwg no				sheet 2 of 2				size		
K	ELX-I-38109	MINI	2020-08-24	engr	ARUN		2020-08-24				C-8626-0155				A3						
				chr	ALEX BABU		2020-08-24														
				appd	SAN0J		2020-08-24														
sheet index		revision		K																	
		sheet		2																	