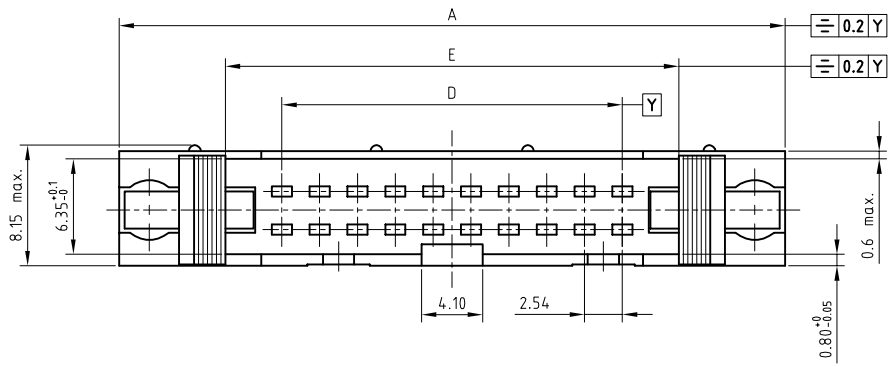
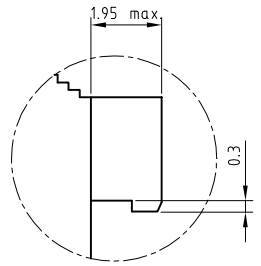
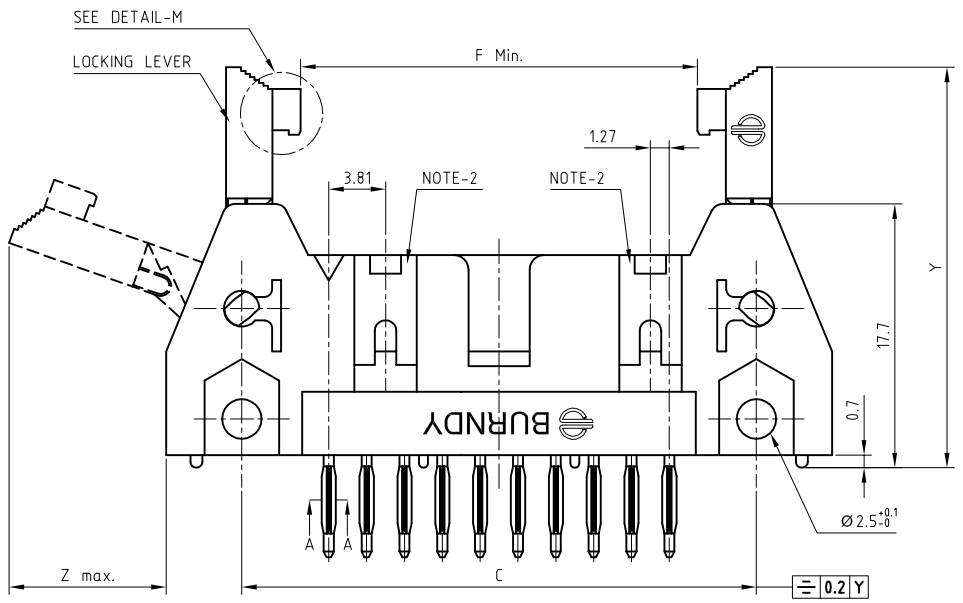
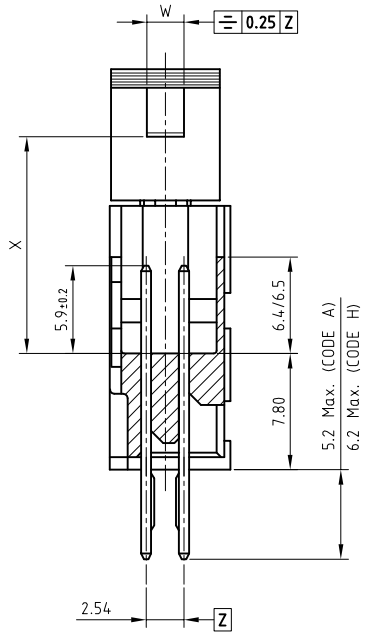
DIMENSION	LOCKING LEVER	
	L1	L2
W	2.5	7.3
X	14.55	10.90
Y	27.40	23.75
Z max.	10.5	7.0

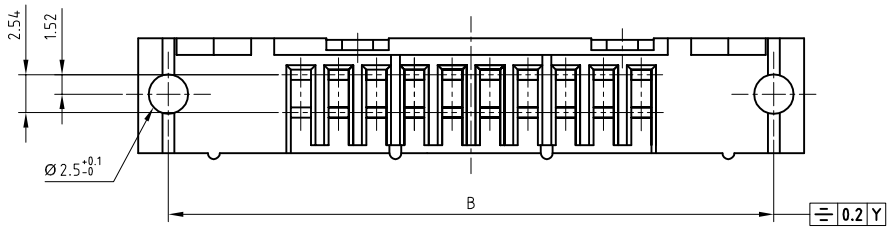


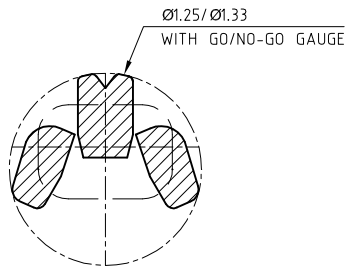
DETAIL-M











SECTION A-A

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	GLASS REINFORCED THERMOPLASTIC UL94V0; GREY
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT PLATING		
ACTIVE ZONE	:	FOR CODE "GS" TIN LEAD VERSION - SnPb OVER Ni
		FOR CODE "GS" LEAD FREE VERSION - Sn (PURE MATT) OVER Ni
		FOR ALL OTHER CODES - Au OVER Ni
TERMINATION ZONE	:	SnPb OVER Ni FOR TIN LEAD VERSION
		Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION
CURRENT RATING	:	1.5A AT 20°C
INSULATION RESISTANCE	:	⩾ 1000MΩ AT 500V
CONTACT RESISTANCE	:	⩽ 15mΩ
CONTACT RETENTION	:	15N Min.
DIELECTRIC WITHSTANDING VOLTAGE	:	1000Vrms
OPERATING TEMPERATURE	:	-55°C TO +125°C
REFERENCE SPECIFICATION	:	IEC 603-13 / DIN 41651

NOTES

1. RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION.
2. LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
3. POLARISING KEYS : 8613-4102 OR 8613-4104

SERIES	BPH	5	B	20	A	L2	N9	LF

TYPE OF INSULATOR
- INSULATOR WITH CENTRE POLARISATION (10 POSITION ONLY) — 2
- INSULATOR WITH CENTRE POLARISATION & KEY (14 TO 60 POSITIONS ONLY) — 5

CONTACT SPACING
- 2.54mm — B

No. OF CONTACTS
- 10,14,16,20,24,26,34,40,44,50,60

TERMINATION STYLE
- STRAIGHT PRESSFIT TERMINAL LENGTH = 5.0 Max. — A
- STRAIGHT PRESSFIT TERMINAL LENGTH = 6.0 Max. — H

LOCKING LEVER VARIATIONS
- WITHOUT LOCKING LEVER — 00
- LONG LOCKING LEVER — L1
- SHORT LOCKING LEVER — L2

CONTACT ACTIVE ZONE PLATING
- 0.4µ SELECTIVE Au PLATING — BLANK
- 0.74µ SELECTIVE Au PLATING — N9
- SnPb (FOR TIN LEAD VERSION) / Sn PURE MATT (FOR LEAD FREE VERSION) — GS

SPECIAL CODE
- TIN LEAD VERSION — BLANK
- LEAD FREE VERSION — LF

NOTES:

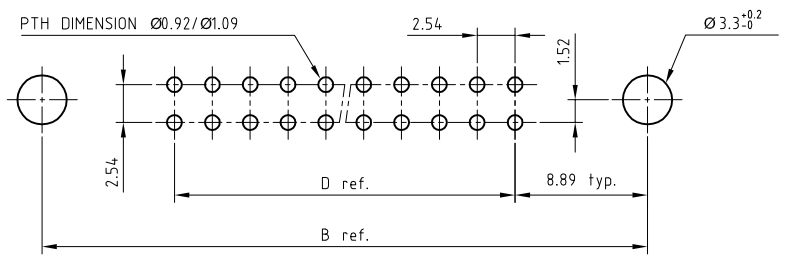
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

No. OF POSITION	A	B	C	D	E	F Min.
10	32.00	27.94	21.84	10.16	17.78	13.84
14	37.08	33.02	26.92	15.24	22.86	18.92
16	39.62	35.56	29.46	17.78	25.40	21.46
20	44.70	40.64	34.54	22.86	30.48	26.54
24	49.78	45.72	39.62	27.94	35.56	31.62
26	52.32	48.26	42.16	30.48	38.10	34.16
34	62.48	58.42	52.32	40.64	48.26	44.32
40	70.10	66.04	59.94	48.26	55.88	51.94
44	75.18	71.12	65.02	53.34	60.96	57.02
50	82.80	78.74	72.64	60.96	68.58	64.64
60	95.50	91.44	85.34	73.66	81.28	77.34

RECOMMENDED PCB HOLE CONFIGURATION

(SHOWN FROM THE COMPONENT SIDE)

PCB THICKNESS 1.6 / 2.4 / 3.2 mm



mat'l. code				surface	tolerance	projection	product family
SEE TECH. SPEC.				ISO 1302	ISO 406 ISO 1101		BPH
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
B	106-0066	MINI	2006-06-01	angles	linear .0±.1	mm	BPH PRESSFIT PIN HEADER WITH OR WITHOUT LOCKING LEVERS
C	107-0142	KR	2007-10-23				
D	110-0062	GT	2010-02-26	0°±1°		scale 2:1	
E	111-0084	GT	2011-05-09	dr	YMP	1999-03-16	dwg no C-8613-0026
				engr	KESAVAN.R	2007-10-23	sheet 1 of 1
				chr	KESAVAN.R	2007-10-23	size A3
				appd	RAKHEE GEORGE	2007-10-23	type Product Customer Drawing
sheet index	revision	E					
	sheet	1					

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