

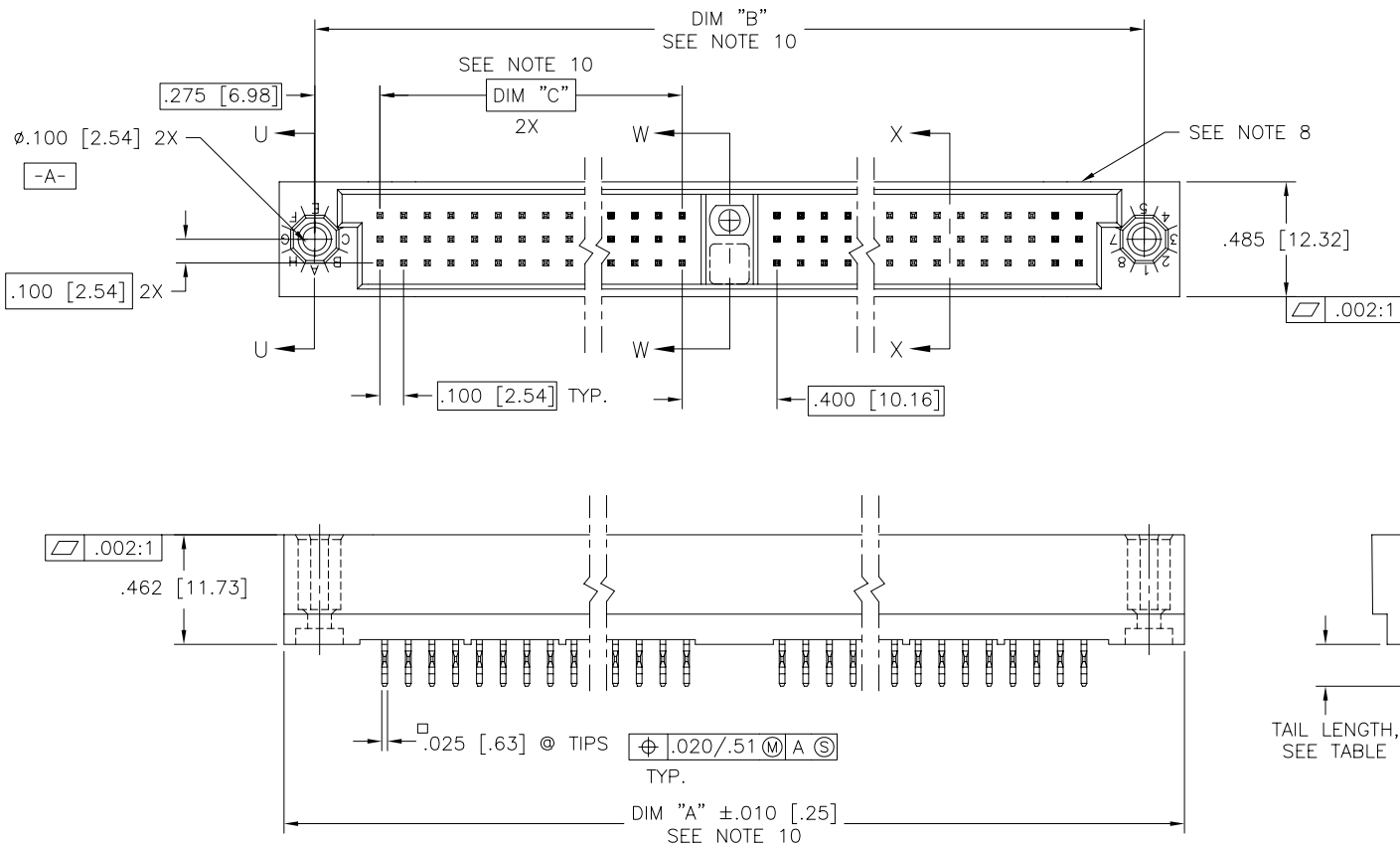


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form: A3

PRODUCT NUMBER
SEE TABLE ON SHEET 2, AND NOTE 1



mat'l. code SEE NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
J	V05-0787	DCH	8/17/05		angles linear .XX±.01/.3	INCH/MM	3 ROW VERTICAL HEADER
K	V05-0999	DAI	10/29/05		.XXX±.005/.13		W/PRESS-FIT PINS, 1 G.P.
L	M06-0283	MHT	7/27/06		.XXX±.0020/.05	scale 1:1	dwg no
				dr	D.HORCHLER 8/17/05		sheet 1 of 2 size
				enr	T.BREWBAKER 8/17/05		A3
				chr	T.BREWBAKER 8/17/05		
				app	T.BREWBAKER 8/17/05		
sheet	revision	L	L				type
index	sheet	1	2				Product Customer Drawing

PRODUCT NUMBER	TERMINAL PLATING	TAIL LENGTH ±.015/.38
50007-1YYYA	30u"/0.76u Au	.177/4.50
50007-1YYYC	30u"/0.76u Au	.533/13.54
50007-1YYYD	30u"/0.76u Au	.733/18.62
50007-1YYYG	30u"/0.76u Au	.250/6.35
50007-1YYYL	30u"/0.76u Au	.188/4.78 FOR .062" PCB
50007-1YYYP	30u"/0.76u Au	.470/11.94 FOR .062" PCB/SHROUD
50007-3YYYA	50u"/1.27u Au	.177/4.50
50007-3YYYC	50u"/1.27u Au	.533/13.54
50007-3YYYD	50u"/1.27u Au	.733/18.62
50007-3YYYG	50u"/1.27u Au	.250/6.35
50007-3YYYL	50u"/1.27u Au	.188/4.78 FOR .062" PCB
50007-3YYYP	50u"/1.27u Au	.470/11.94 FOR .062" PCB/SHROUD
50007-5YYYA	30u"/0.76u GXT	.177/4.50
50007-5YYYALF	30u"/0.76u GXT	.177/4.50
50007-5YYYC	30u"/0.76u GXT	.533/13.54
50007-5YYYCLF	30u"/0.76u GXT	.533/13.54
50007-5YYYD	30u"/0.76u GXT	.733/18.62
50007-5YYYDLF	30u"/0.76u GXT	.733/18.62
50007-5YYYG	30u"/0.76u GXT	.250/6.35
50007-5YYYGLF	30u"/0.76u GXT	.250/6.35
50007-5YYYL	30u"/0.76u GXT	.188/4.78 FOR .062" PCB
50007-5YYYLLF	30u"/0.76u GXT	.188/4.78 FOR .062" PCB
50007-5YYYP	30u"/0.76u GXT	.470/11.94 FOR .062" PCB/SHROUD
50007-5YYYPLF	30u"/0.76u GXT	.470/11.94 FOR .062" PCB/SHROUD

- NOTES:

PRODUCT NUMBERING CODE:

$$\begin{array}{r} 50007 \\ \hline \end{array} - \begin{array}{r} \text{X} \\ \hline \end{array} \begin{array}{r} \text{YYY} \\ \hline \end{array} \begin{array}{r} \text{Z} \\ \hline \end{array} \begin{array}{r} \text{L} \\ \hline \end{array}$$

☐ LEAD FREE (OPTIONAL)

— TAIL LENGTH SEE TABLE

— NO. OF POSITIONS SEE NOTE 2
PLATING SEE TABLE

— PLATING SEE TABLE
— BASE NUMBER

- BASE NUMBER

PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:

50007 - XXYYY LF

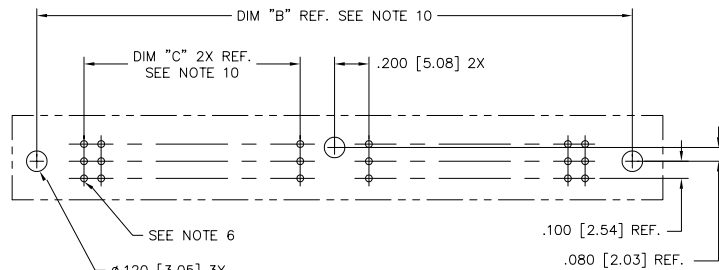
— LEAD FREE (OPTIONAL)

— SEQUENCE NUMBER

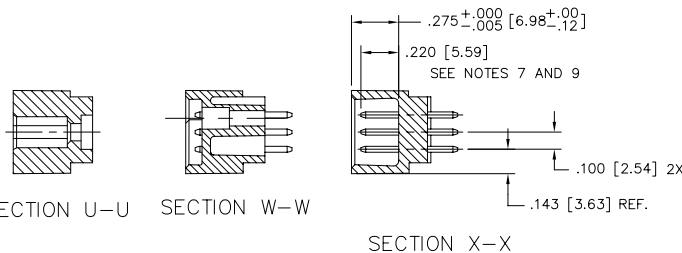
— ALWAYS 'XX'
PAGE NUMBER

— BASE NUMBER

- ① THIS PRODUCT IS CONFIGURED IN SIZES OF 20 thru 122 COLUMNS IN INCREMENTS OF TWO.
i.e.: 20,22,24,26,.....118,120,122.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK.
PIN MATERIAL: PHOS BRONZE
4. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREES C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE OVEN.
- ⑥ .0453/.151 DRILLED HOLE PLATED WITH .0003/.007 MIN. SnPb OVER .001/.03 to .003/.08 Cu. PLATING TO ACHIEVE A $\phi .040 \pm .003 / 1.02 \pm .08$ HOLE.
- ⑦ TO ASSURE PROPER INSTALLATION: TOOLING, AS SPECIFIED IN INSTRUCTION MANUAL 155915-001 MUST BE USED. PIN MATING LENGTH WILL BE $\pm .002 / .05$ AFTER INSTALLATION.
- ⑧ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
9. REFERENCE 50808 FOR F.M.L.B. AVAILABLE OPTIONS AND WORKSHEET.
- ⑩ LENGTH DIMENSION FORMULAS:
DIM "A" = $.100 / 2.54 \times \text{NO. OF COLUMNS} + 1.05 / 26.7$
DIM "B" = $.100 / 2.54 \times \text{NO. OF COLUMNS} + .750 / 19.05$
DIM "C" = $.100 / 2.54 \times \text{NO. OF COLUMNS} - .100 / 2.54$



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100/2.54 GRID
UNLESS OTHERWISE SPECIFIED)



mat'l. code SEE NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr ecn no dr date				tolerances unless otherwise specified						title			
L				angles		linear		INCH/MM		3 ROW VERTICAL HEADER			
						.XX±.01/.3				W/PRESS-FIT PINS, 1 G.P.			
				0'±2'		.XXX±.005/.13							
						.XXXX±.0020/.051		scale 1:1					
				dr		D.HORCHLER		8/17/05		dwg no		sheet2 of 2	
				engr		T.BREWBAKER		8/17/05		50007		A3	
				chr		T.BREWBAKER		8/17/05					
				appd		T.BREWBAKER		8/17/05		type Product Customer Drawing			
sheet index		revision sheet											