

PRODUCT NUMBER DESCRIPTION LEAD FREE OPTION
 64110 - X XX - XX - X LF NOTE 9,10

RETENTION
 R: RETENTIVE LEG
 SEE NOTE 7

PIN LGTH. CONFIG.
 01=SURFACE MNT.
 02=THRU HOLE

POSITIONS PER ROW
 05,07,08,10,13,15,
 17,20,25,30,32,36

PLATING:

S: 15u"/0.38um Au
 ON CONTACT AREA
 100u"/2.54um TIN
 ON TAIL

G: 30u"/0.76um Au
 ON CONTACT AREA
 120u"/2.54um TIN
 ON TAIL

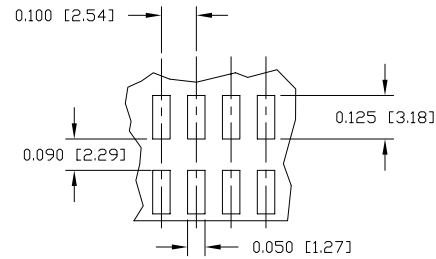
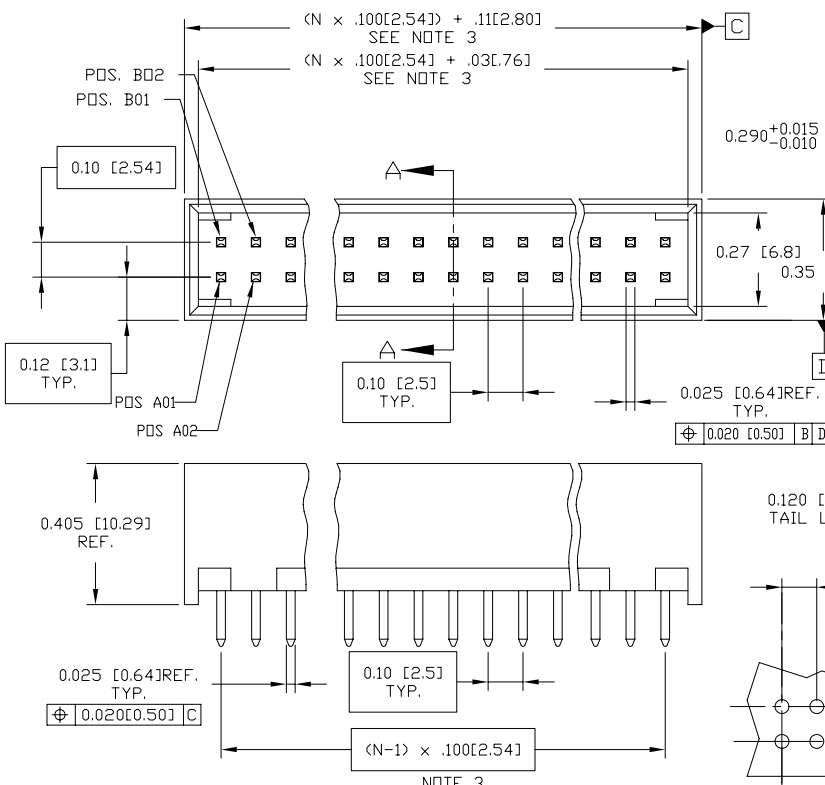


FIGURE 2
 (RECOMMENDED SMT)
 SCALE: 1:1

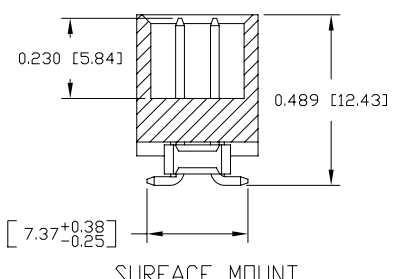


FIGURE 1
 (RECOMMENDED THRU HOLE)
 SCALE: 1:1

- NOTES:
- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL 94V-0, COLOR: BLACK
 - PIN MATERIAL: PHOS BRONZE
 - TO DETERMINE DIMENSIONS:
 N=NUMBER OF POSITIONS PER ROW
 EX. 10 POS., $N \times .100/2.54 = 1.00/2.54$
 - 0.9Kg MIN. PIN RETENTION IN EITHER DIRECTION
 - PACKAGE IN TRAYS.
 - RETENTION LEG:
 5lbs/2.3Kgs MAX. INSERTION FORCE & .25lbs/1Kg MIN. RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK PCB AND RECOMMENDED HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUF. RETENTION IS TWO PINS PER PART ADJACENT TO ONE ANOTHER.
 - OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
 - UNDERPLATING: 50u"/1.27um Ni.
 - ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTIONS.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTE/PROCEDURES IS THEY AVAILABLE.

11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302 ✓		ISO 406 ISO 1101		INCH/MM		HEADER	
ltr	ecn no dr	date	tolerances unless otherwise specified					title	
A	V92814	TAB	8/24/99	angles	.XX±.01/.3			SHROUDED HDR.	
B	B10891	GIP	1/25/02	linear	.XXX±.005/.13			.100/2.54cc PCB to PCB	
C	V21476	GIP	9/17/002	0°±2'	.XXX±.0020/.051	scale 1:1		dwg no sheet 1 of 1 size	
D	V21476	GIP	9/17/02	dr	T. BRUNGARD	7/14/99		64110 A3	
D	v03-0476	DAI	6/17/03	enfr	H. SUNDY	7/14/99		type Product Customer Drawing	
E	M05-0089	MHT	5/19/05	chr	H. SUNDY	7/14/99			
F	M07-0116	AGS	2/19/07	appd	H. SUNDY	7/14/99			
sheet	revision	F							
index	sheet	1							

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