

PRODUCT NUMBER

5 2 6 0 1 - X X X - X X X X LF

PLATING

S=15μ"[0.38μm]GOLD ON
CONTACT AREA (NOTE 13)
100μ"[2.54μm]TIN ON TAIL

G=30μ"[0.76μm]GOLD ON
CONTACT AREA (NOTE 13)
100μ"[2.54μm]TIN ON TAIL

LEAD FREE OPTION
NOTE 10,11,12

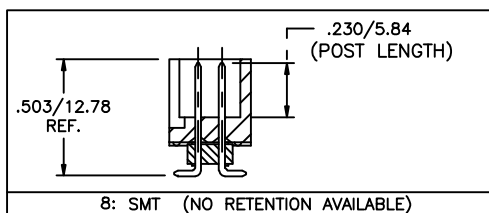
PACKAGE NOTE 5

RETENTION
R= RETENTIVE LEG (NOTE 6)

POLARIZATION
NOTE 9

TAIL	
+	.090/2.29
-	.142/2.84
4	.120/3.05
6	.150/3.81
-	.675/17.15
8	SMT

	TOTAL POSITIONS	HDR. STYLE
10	2 x 5	B
14	2 x 7	C
16	2 x 8	D
20	2 x 10	D
26	2 x 13	D
30	2 x 15	D
34	2 x 17	D
40	2 x 20	D
44	2 x 22	D
50	2 x 25	D
60	2 x 30	D



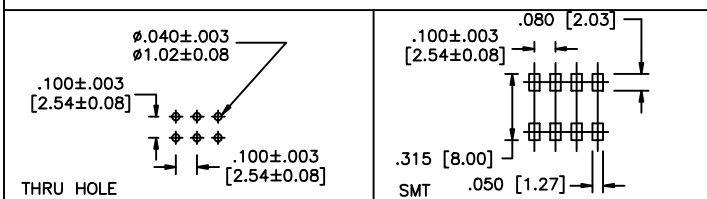
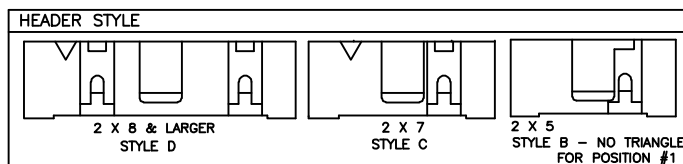
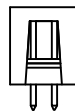
8: SMT (NO RETENTION AVAILABLE)

NOTES:

- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
OR
MINERAL FILLED LCP FLAME RETARDANT
PER UL-94V-0. COLOR: BLACK.
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 10 POS., (N-1) x .100[2.54]=.900[22.86]
- 3 LBS./1.36 KG MIN. RETENTION
- PACKAGED IN TRAYS,
PART NUMBER FOLLOWS BY "T" SUFFIX ARE PACKAGED
TAPE ON REEL WITH PACK-UP INSTALLED. VACUUM CAP TO BE
CENTRALLY LOCATED REGARDLESS OF NUMBER OF POSITIONS (SHEET 3)
- RETENTIVE LEG APPLICABLE TO TAIL LENGTHS .125/3.18 MAX.
5LB/2.3KG MAX INSERTION FORCE AND .25LB./1KG MIN RETENTION FORCE
PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED
HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER.
RETENTION PIN MAY BE SHIFTED TO NEXT POSITION.
- OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- UNDERPLATING: 50μ"/1.27μm Ni.
- FOR POLARIZATION SPECIFY POSITION NUMBER (i.e. 03 = PIN 3) TO OMIT PIN.
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 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 NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection ISO 1101	product family QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
P	M07-0185	MHT	4/16/07	angles	linear	XXL01/XXL03	.100/2.54mm LOW PROFILE
R	M08-0010	MHT	1/11/07			XXX006/XXX013	SHOROUDED VERTICAL HEADER
S	M08-0117	MHT	4/24/08	0'±2'		XXX0000/XXX0005	scale 1:1
T	M08-0118	MHT	4/22/08	dr	D. INGRAM	7/7/99	dwg no
U	M08-0237	MHT	5/25/08	engr	L. GREEN	7/12/99	sheet 1 of 3 size
V	M08-0261	MHT	8/19/08	chr	L. GREEN	7/12/99	A3
W	M08-0279	MHT	9/30/08	appd	L. GREEN	7/21/99	type
sheet	revision	W	W	W			Product Customer Drawing
index	sheet	1	2	3			

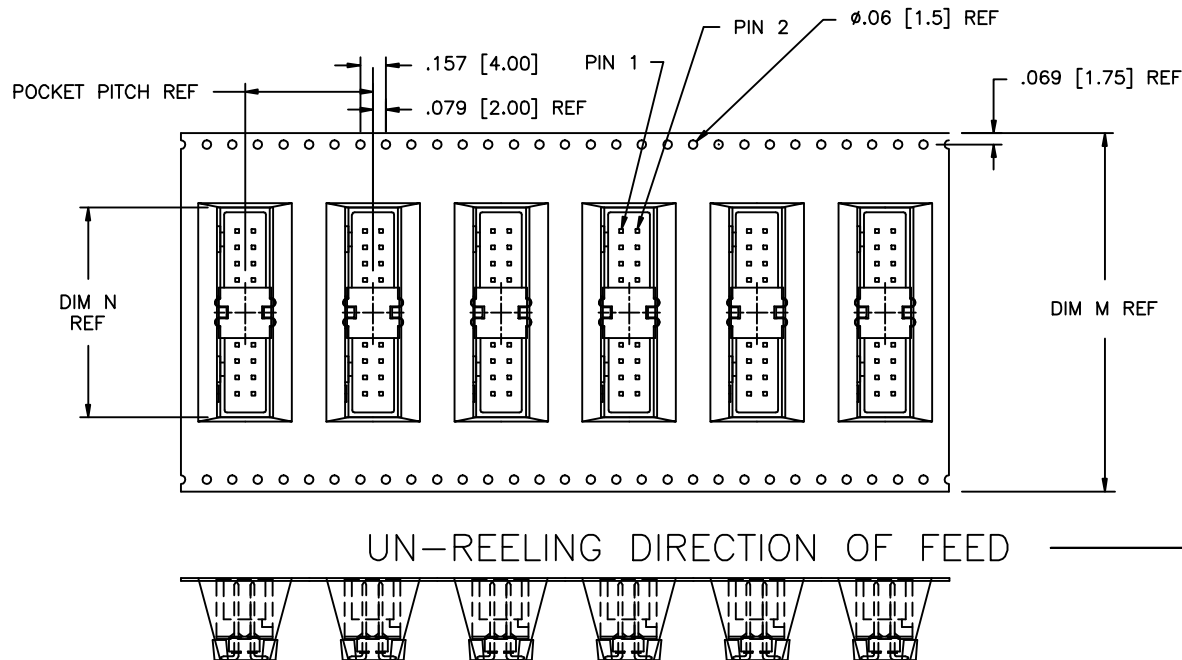


RECOMMENDED BOARD LAYOUT

mat'l code				surface ISO 8002 ✓		tolerance ISO 406 ISO 1001		projection 		product family QUICKIE			
litr		ecdn no		dr		date		tolerances unless otherwise specified		title			
w								angles		linear		INCH/MM	
								$\frac{.001 \pm .01}{.0003 \pm .005}$		$\frac{.001 \pm .01}{.0003 \pm .005}$.100/.254mm LOW PROFILE	
								O' ± .2'		scale 1:1		SHOROUED VERTICAL HEADER	
								dr D. INGRAM		7/7/99		dwg no sheet 2 of 3 size	
								engr L. GREEN		7/12/99		A	
								chr L. GREEN		7/12/99			
								appd L. GREEN		7/21/99			
sheet index		revision sheet										type Product Customer Drawing	

PRODUCT No. NOTE 10	NO. OF POSITIONS	HSG. STYLE	POLARIZED POSITION	PACKAGING	POCKET PITCH	DIM M	DIM N
52601-S10-801T	2 X 5	B	01	TAPE-ON-REEL	0.787/20.00	1.260/32.00	0.790/20.07
52601-S10-805T	2 X 5	B	05	TAPE-ON-REEL	0.787/20.00	1.260/32.00	0.790/20.07
52601-S10-807T	2 X 5	B	07	TAPE-ON-REEL	0.787/20.00	1.260/32.00	0.790/20.07
52601-S14-807T	2 X 7	C	07	TAPE-ON-REEL	0.787/20.00	1.732/44.00	1.090/27.69
52601-S14-80714T	2 X 7	C	07,14	TAPE-ON-REEL	0.787/20.00	1.732/44.00	1.090/27.69
52601-X16-8T	2 X 8	D	-	TAPE-ON-REEL	0.787/20.00	1.732/44.00	1.090/27.69
52601-X20-8T	2 X 10	D	-	TAPE-ON-REEL	0.787/20.00	2.204/56.00	1.290/32.77
52601-X30-8T	2 X 15	D	-	TAPE-ON-REEL	0.787/20.00	2.834/72.00	1.786/45.37

* SPECIAL CUSTOMER



mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection ISO 1101		product family QUICKIE	
ltr	ecn no	dr	date	tolerances unless otherwise specified		linear		INCH/MM		title .100/2.54mm LOW PROFILE SHOROUDED VERTICAL HEADER	
w				XXL.01/XXL.03		XXL.05/XXL.13		scale 1:1		dwg no 52601	
				O'±2'		XXXL.0020/XXXL.0051				sheet 3 of 3 size A3	
				dr	D. INGRAM	7/7/99					
				engr	L. GREEN	7/12/99					
				chr	L. GREEN	7/12/99					
				appd	L. GREEN	7/21/99					
sheet index		revision sheet								type Product Customer Drawing	