

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

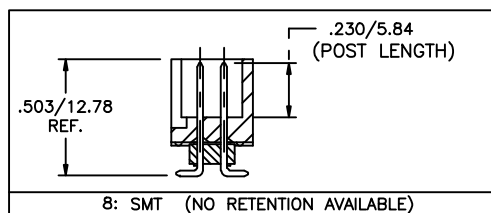
PACKAGE NOTE 5

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

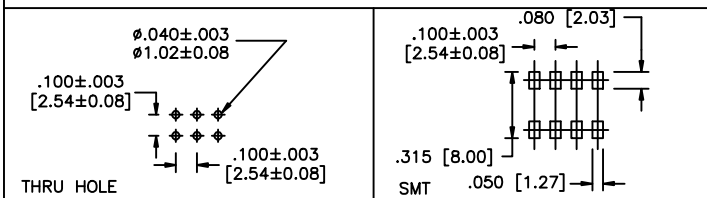
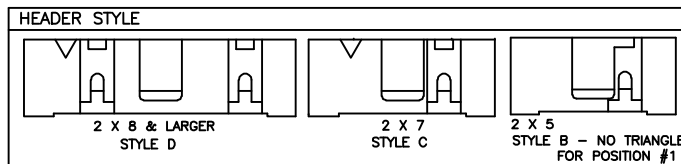
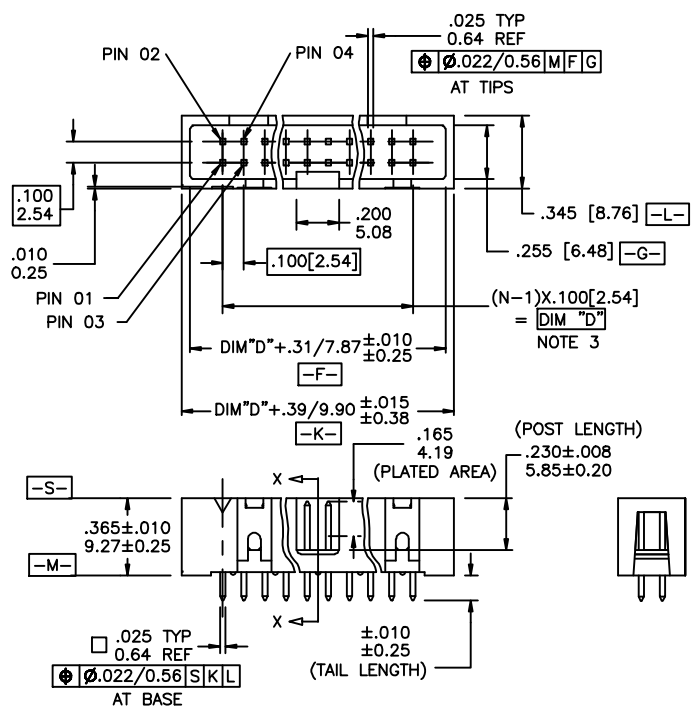


8: SMT (NO RETENTION AVAILABLE)

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	tolerance	projection	product family
ISO 1902				ISO 1902	ISO 1902	ISO 1902	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
P	M07-0185	MHT	4/16/07	angles	linear	XXL.01/XXL.03	.100/2.54mm LOW PROFILE
R	M08-0010	MHT	1/11/07	linear	linear	XXXL.005/XXXL.013	SHOROUDED VERTICAL HEADER
S	M08-0117	MHT	4/24/08	0'±2'	linear	XXXL.0020/XXXL.0051	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	52601 A3
W	M08-0279	MHT	9/30/08	appd	L. GREEN	7/21/99	type Product Customer Drawing
sheet	revision	W	W	W			
index	sheet	1	2	3			

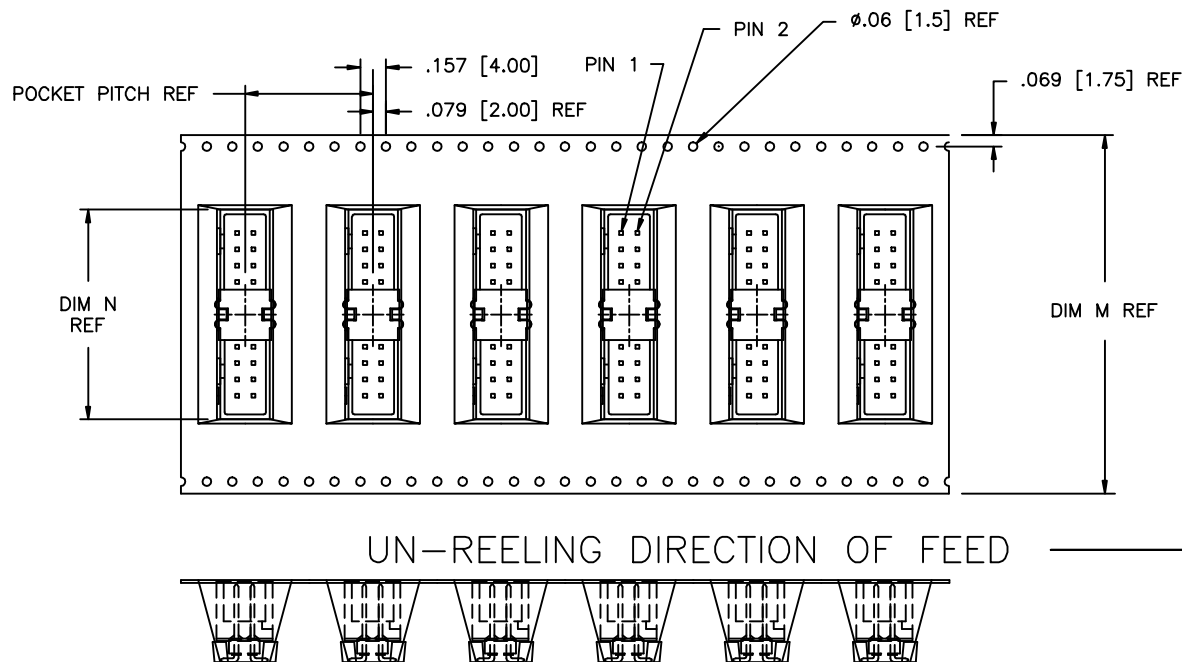


RECOMMENDED BOARD LAYOUT

mat'l. code	surface	ISO 1902	tolerance	ISO 406	projection	product family	QUICKIE
ltr	ec'n no	dr	date	tolerance unless otherwise specified	INCH/MM	title	.100/2.54mm LOW PROFILE SHROUDED VERTICAL HEADER
w				linear	scale 1:1	dwg no	52601
				angles		sheet 2 of 3	A3
				0' ± 2'		type	Product Customer Drawing
				dr			
				engr			
				chr			
				appd			
sheet	revision						
index	sheet						

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							
w				angles	linear	XX±.01/XX±.3 XXX±.005/XXX±.13 XXX±.0020/XXX±.005		INCH/MM		title .100/2.54mm LOW PROFILE SHOROUDED VERTICAL HEADER	
				0'±2'				scale 1:1		dwg no 52601	
				dr	D. INGRAM	7/7/99		FCJ		sheet 3 of 3 size A3	
				engr	L. GREEN	7/12/99					
				chr	L. GREEN	7/12/99					
				appd	L. GREEN	7/21/99				type Product Customer Drawing	
sheet index	revision sheet										