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

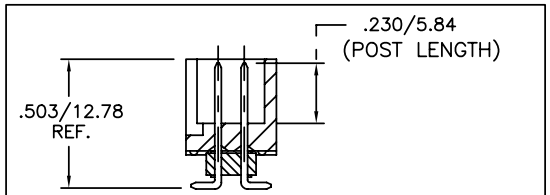
PACKAGE NOTE 5

RETENTION R= RETENTIVE LEG (NOTE 6)

POLARIZATION NOTE 9

	TAIL	
~~1~~	~~.090/2.29~~	OBS.
~~2~~	~~.112/2.84~~	OBS.
4	.120/3.05	
6	.150/3.81	
~~7~~	~~.675/17.15~~	OBS.
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:

1. HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
   COLOR: BLACK
   OR
   MINERAL FILLED LCP FLAME RETARDENT
   PER UL-94V-0. COLOR: BLACK.
2. PIN MATERIAL: PHOSPHOR-BRONZE
3. TO DETERMINE DIMENSIONS:
   N = NUMBER OF POSITIONS PER ROW
   EXAMPLE: 10 POS.,(N-1) x .100[2.54]=.900[22.86]
4. 3 LBS./1.36 KG MIN. RETENTION
5. PACKAGED IN TRAYS,
   PART NUMBER FOLLOWES BY "T" SUFFIX ARE PACKAGED
   TAPE ON RELL WITH PACK-UP INSTALLED. VACUUM CAP TO BE
   CENTRALLY LOCATED REGARDLESS OF NUMBER OF POSITIONS (SHEET 3)
6. 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.
7. OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
8. UNDERPLATING: 50µ"/1.27µm Ni.
9. FOR POLARIZTION SPECIFY POSITION NUMBER (i.e. 03 = PIN 3) TO OMIT PIN.
   OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
10. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
11. 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.
12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
    COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
13. PLATING OPTIONS:
    MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

rev	ecn no	dr	date
S	M08-0117	MHT	04/22/08
T	M08-0118	MHT	04/24/08
U	M08-0237	MHT	05/25/08
V	M08-0261	MHT	08/19/08
W	N08-0279	MHT	09/30/08
X	N10-0327	A.ZH	11/04/10

www.fciconnect.com		surface ISO 1302	tolerance ISO 406 ISO 1101		projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	D.INGRAM	07/07/99	ANGULAR	LINEAR 0.X	± 0.30	size A4 / Scale 1:1
Eng	L.GREEN	07/12/99		0.XX	± 0.13	
Chr	L.GREEN	07/12/99	0° ±2.0°	0.XXX	± 0.05	ECN N10-0327
Appr	L.GREEN	07/21/99	Product family QUICKIE			Spec ref
title	0.100/2.54MM LOW PROFILE SHROUDED VERTICAL HEADER			dwg no	52601	Rev. X
catalog no				CUSTOMER		sheet 1 of 3

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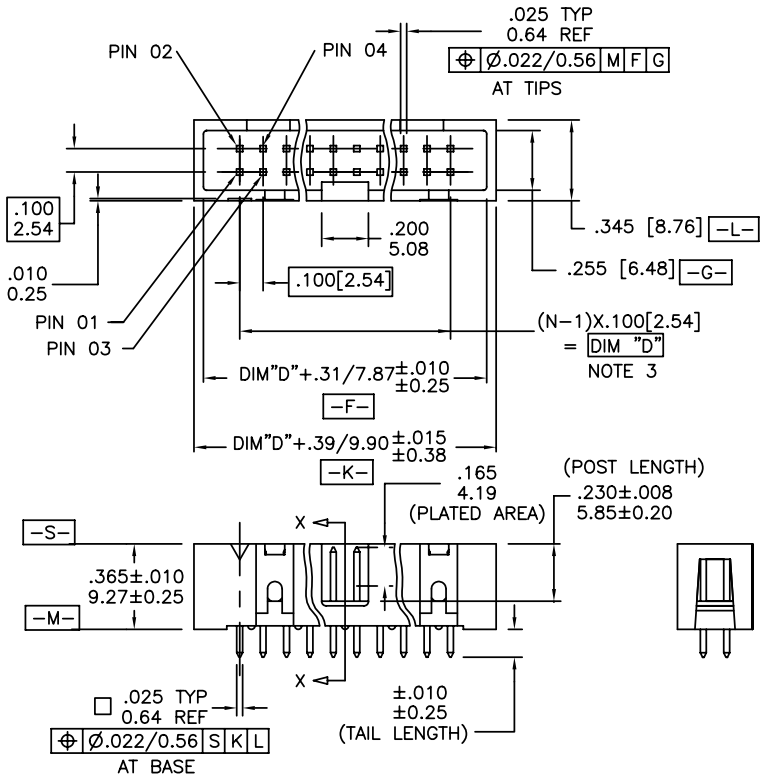

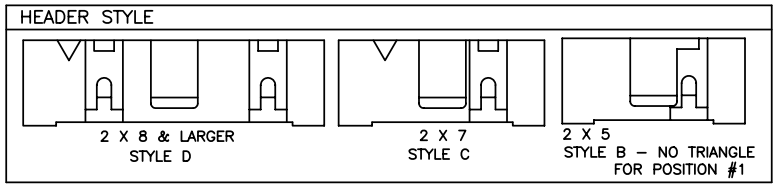

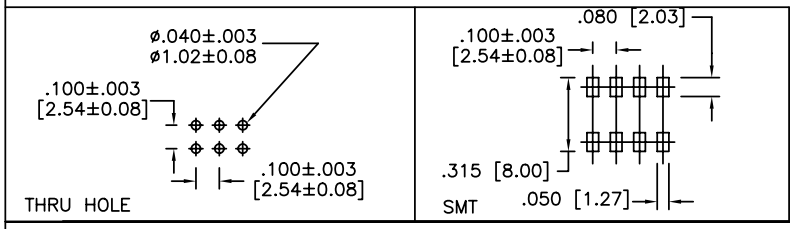

RECOMMENDED BOARD LAYOUT

www.fciconnect.com			surface ISO 1302		tolerance ISO 406 ISO 1101	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	D.INGRAM	07/07/99	ANGULAR	LINEAR	0.X ± 0.30	size A4	Scale 1:1
Eng	L.GREEN	07/12/99			0.XX ± 0.13		
Chr	L.GREEN	07/12/99	0° ±2.0°		0.XXX ± 0.05	ECN	N10-0327
Appr	L.GREEN	07/21/99	Product family		QUICKIE	Spec ref	
title	0.100/2.54MM LOW PROFILE SHROUDED VERTICAL HEADER					dwg no 52601	Rev. X
catalog no						CUSTOMER	sheet 2 of 3

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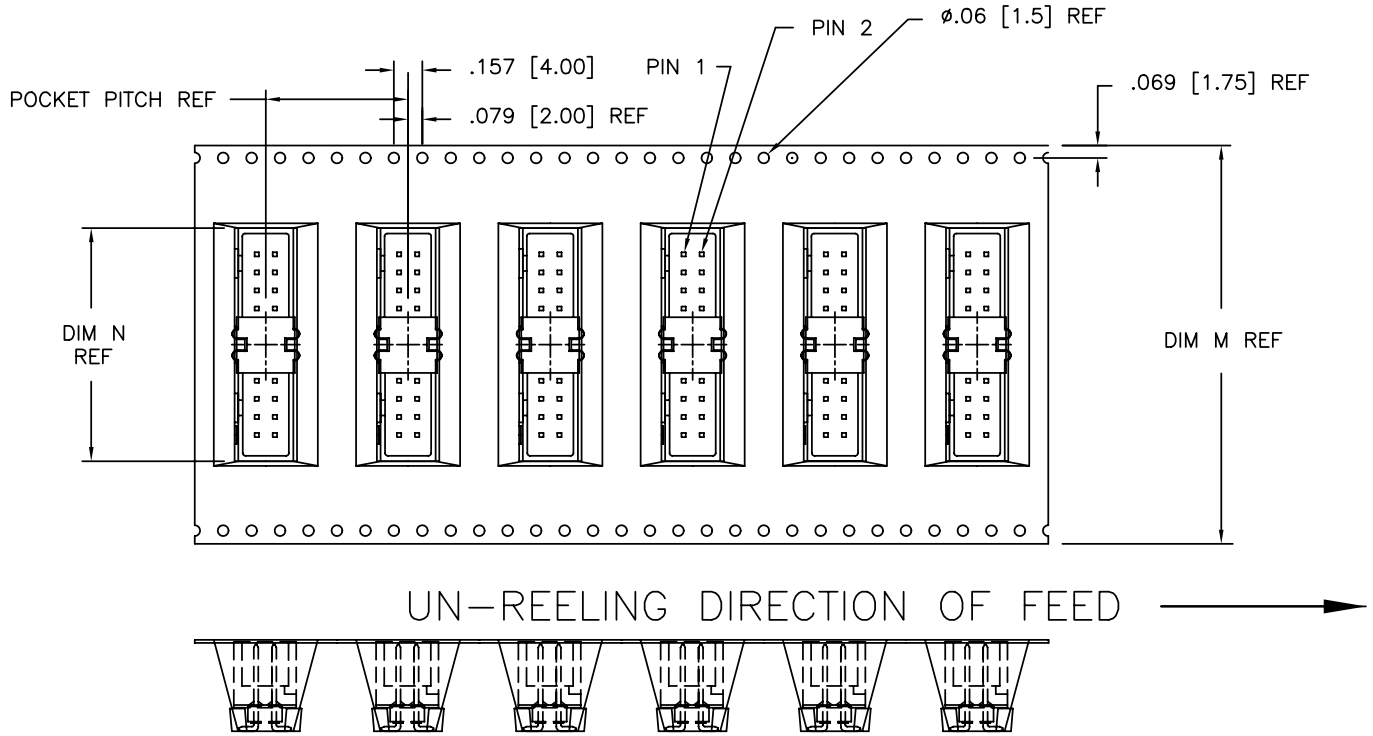
PRODUCT No. NOTE 10	NO. OF POSITIONS	HSG. STYLE	POLARIZED POSITION	PACKAGING	POCKET PITCH	DIM M	DIM N	
52601-S10-801T	2 X 5	B	01	TAPE-ON-REEL	0.787/20.00	1.260/32.00	0.790/20.07	
52601-S10-805T	2 X 5	B	05	TAPE-ON-REEL	0.787/20.00	1.260/32.00	0.790/20.07	
52601-S10-807T	2 X 5	B	07	TAPE-ON-REEL	0.787/20.00	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	* SPECIAL CUSTOMER
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	
52601-X40-8T	2 X 20	D	–	TAPE-ON-REEL	0.787/20.00	3.465/88.00	2.293/58.25	



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www.fciconnect.com			surface ISO 1302		tolerance ISO 406 ISO 1101		projection	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	D.INGRAM	07/07/99	ANGULAR	LINEAR	0.X	± 0.30	size A4	Scale 1:1	
Eng	L.GREEN	07/12/99			0.XX	± 0.13			
Chr	L.GREEN	07/12/99	0°	±2.0°	0.XXX	± 0.05	ECN	N10-0327	
Appr	L.GREEN	07/21/99	Product family		QUICKIE		Spec ref		
title	0.100/2.54MM LOW PROFILE SHROUDED VERTICAL HEADER						dwg no 52601		Rev. X
catalog no							CUSTOMER		sheet 3 of 3