

PRODUCT NUMBER DESCRIPTION:

58102 - X XX - XX - XX X XX

PLATING

S = 0.38µm GOLD  
ON CONTACT AREA  
3.81µm TIN/LEAD  
ON TAIL

G = 0.76µm GOLD  
ON CONTACT AREA  
3.81µm TIN/LEAD  
ON TAIL

F = 0.20µm GOLD  
ON CONTACT AREA  
3.81µm TIN/LEAD  
ON TAIL

LF = ROHS COMPLIANT (10)  
BLANK = CONTAINS LEAD

POLARIZATION  
NOTE 7

RETENTION  
R: RETENTIVE LEG  
NOTES 6, 7

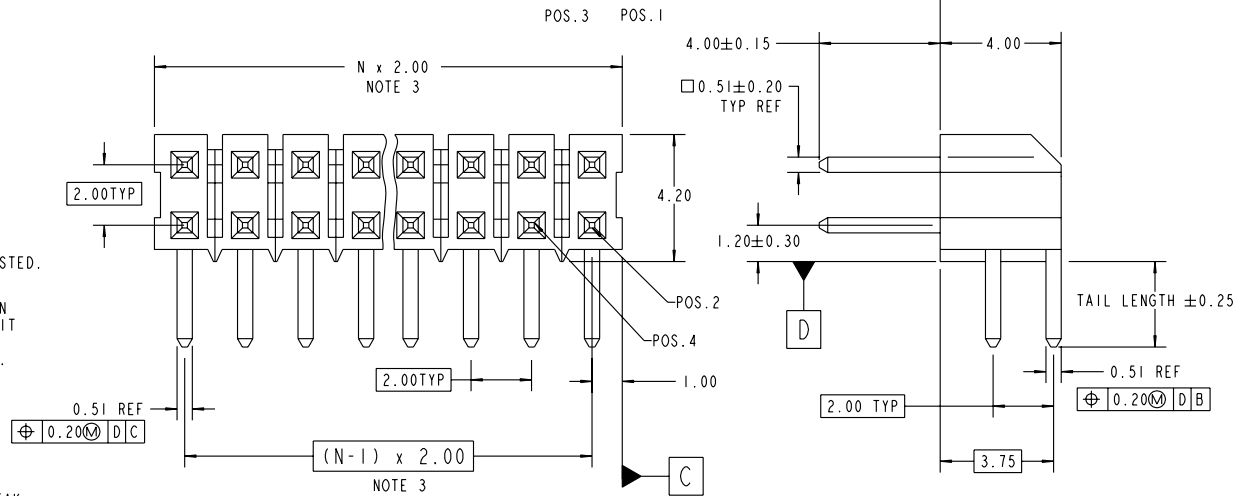
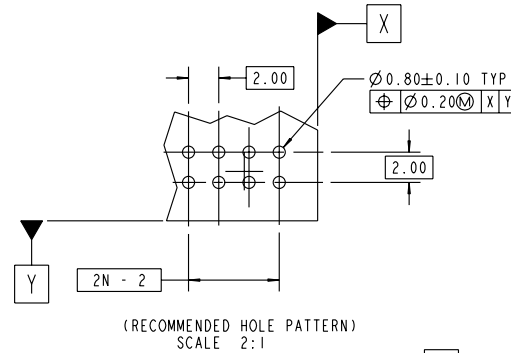
PACKAGING: = POLY BAGS  
(NOTE 5) U = TUBES

POSITIONS PER ROW = "N"  
(02 to 25)

PIN STYLE	TAIL LENGTH
61	2.50

NOTES:

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC  
UL 94V-0, COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW  
EX.: 10 POS., N x 2.00 = 20.00 TOTAL POSITIONS
- 0.9kg MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING:  
(A) STANDARD PACKAGING: IN POLY BAGS.  
(B) SPECIAL PACKAGING: IN TUBE.  
FOR ALL SPECIAL PACKAGING, FCI MUST BE  
CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.
- RETENTION LEG:  
2.3kg MAX INSERTION FORCE AND 1kg MIN RETENTION  
FORCE PER RETENTIVE PIN USING 1.57 THICK CIRCUIT  
BOARD AND RECOMMENDED HOLE PATTERN. RETENTIVE  
LOCATION AT THE DISCRETION OF THE MANUFACTURER.  
RETENTION IS TWO PINS PER PART ADJACENT TO ONE  
ANOTHER.
- FOR POLARIZATION SPECIFY POSITION NUMBER,  
(i.e.: POS.3 = 03) TO OMIT PIN.  
OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT  
APPLICABLE.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER  
APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			← MM →
Dr	T. BRUNGARD	4/5/99	ANGULAR	0.X ±0.5	size	A4
Eng	L. GREEN	4/6/99	LINEAR	0.XX ±0.25	Scale	4:1
Chr	KH LEE	7/17/06	0° ±3°	0.XXX ±0.15	ECN	S06-0236
Appr	JOEY NG	7/17/06	Product family	MINITEK	Spec ref	
FCI			2.00mm UNSHROUDED HEADER		dwg no	58102
			RIGHT ANGLE THRU-HOLE		Rev.	F
catalog no			CUSTOMER		sheet 1 of 1	

rev	ecn no	dr	date
E	S05-0037	KBM	2/8/05
F	S06-0236	KHL	7/17/06
-	-	-	-
-	-	-	-
C	V11757	DA1	6/27/01
D	V05-0098	DA1	2/1/05

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