

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 (SEE NOTE 10)
BLANK = CONTAINS LEAD

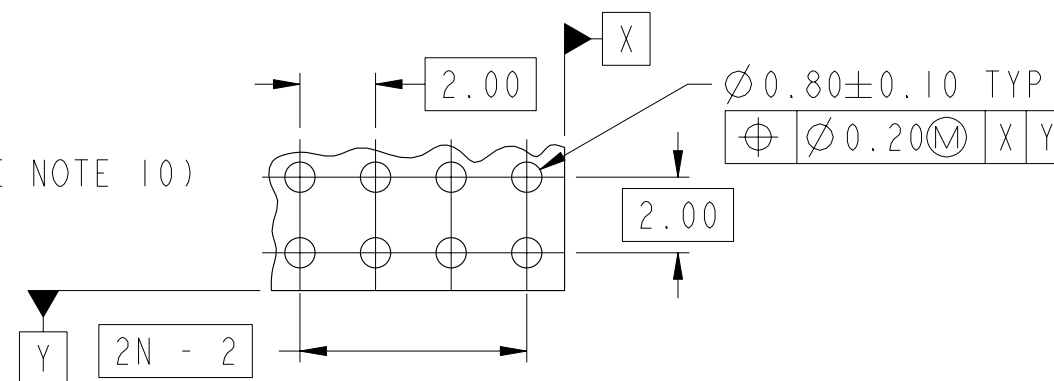
RETENTION
R: RETENTIVE LEG
NOTES 6,7

POLARIZATION
NOTE 7

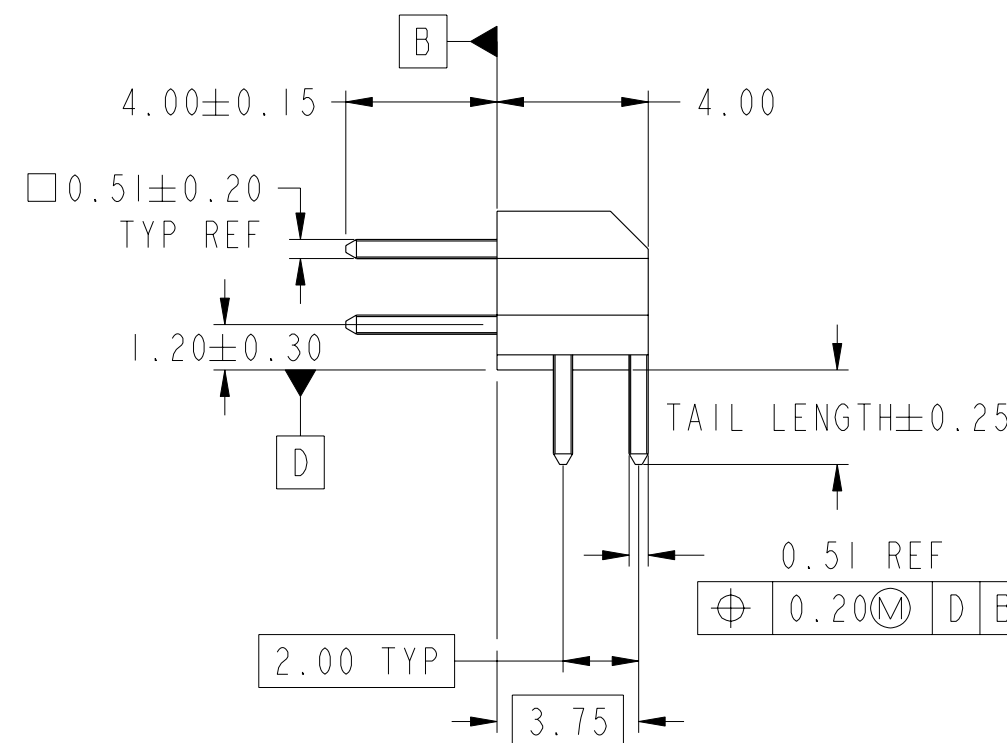
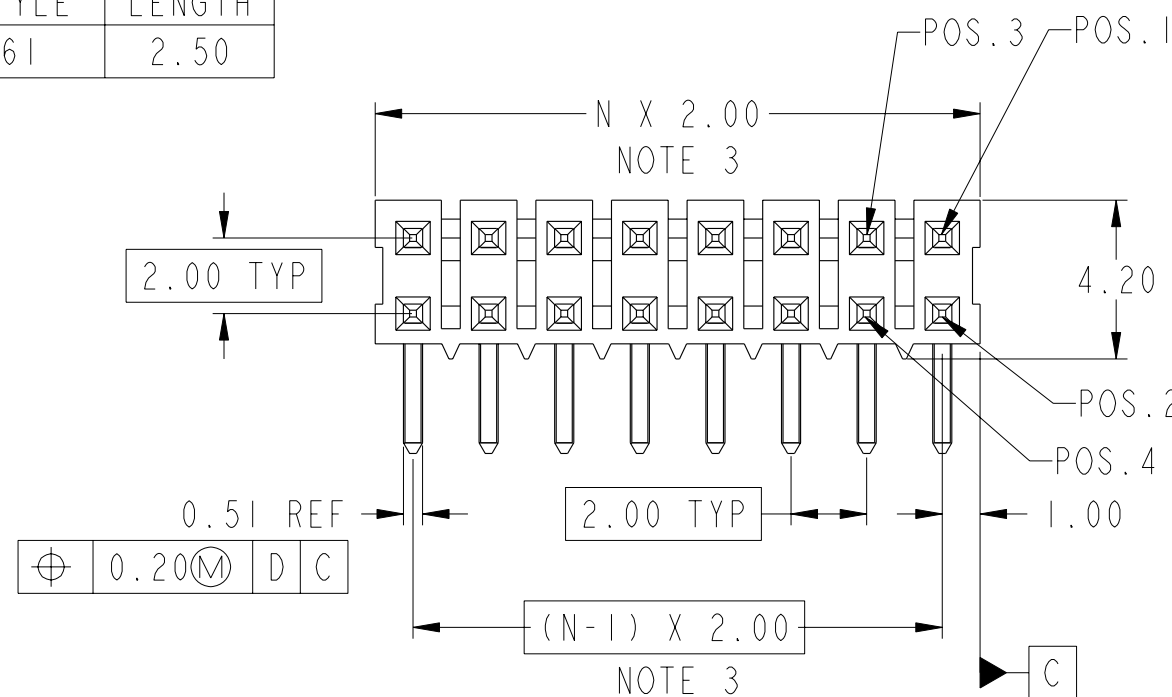
PACKAGING: = POLY BAGS
(NOTE 5) U = TUBES

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

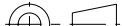
PIN STYLE	TAIL LENGTH
61	2.50



(RECOMMENDED HOLE PATTERN)
SCALE 5:1



CONFIDENTIAL

www.fciconnect.com			surface  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BRUNGARD	1999-04-05	ANGULAR	LINEAR	0.X	±0.5	size A3	Scale 5:1		
Eng	L.GREEN	1999-04-06			0.XX	±0.25				
Chr	KH LEE	2009-11-20			0° ±3°	0.XXX			±0.15	
Appr	JOEY NG	2009-11-20	Product family				-	Spec ref		
		title 2.00mm UNSHROUDED HEADER RIGHT ANGLE THRU-HOLE				dwg no 58102			Rev G	
catalog no				-		CUSTOMER			sheet 1 of 2	

rev	ecn no	dr	date
E	S05-0037	KBM	2005-02-08
F	S06-0236	KHL	2006-07-17
G	S10-0205	N.B.R	2009-11-20
-	-	-	-
-	-	-	-
C	V11757	DAI	2001-06-27
D	V05-0098	DAI	2005-02-01

NOTES:

① MATERIAL HOUSING:HIGH TEMP.THERMOPLASTIC
UL 94V-0,COLOR BLACK

② MATERIAL TERMINAL: COPPER ALLOY

③ TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITIONS PER ROW
EX.: 10 POS.,N x 2.00 = 20.00 TOTAL POSITIONS

4.0.9kg MIN.PIN RETENTION IN EITHER DIRECTION.

5.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.

⑥ RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1 kg 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.

⑦ FOR POLARIZATION,SPECIFY POSITION NUMBER,
(i.e.:POS.3 = 03) TO OMIT PIN.
OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT
APPLICABLE.

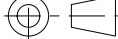
8.THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.

9.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.

⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

△ 11.A △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

CONFIDENTIAL

www.fciconnect.com			surface ISO 1302		- ✓ tolerance std ISO 406 ISO 1101		projection 		MM 		
TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr	T.BRUNGARD	1999-04-05	ANGULAR		LINEAR		0.X	±0.5	size A3	Scale 10:1	
Eng	L.GREEN	1999-04-06					0.XX	±0.25			
Chr	KH LEE	2009-11-20	0°	±3°			0.XXX	±0.15	ECN	S10-0205	
Appr	JOEY NG	2009-11-20	Product family					-	Spec ref		-
		title 2.00mm UNSHROUDED HEADER RIGHT ANGLE THRU-HOLE					dwg no 58102				Rev. G
		catalog no					-	CUSTOMER			sheet 2 of 2