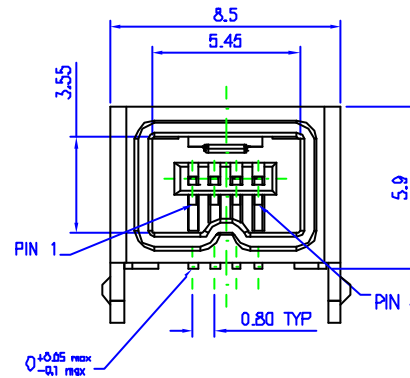
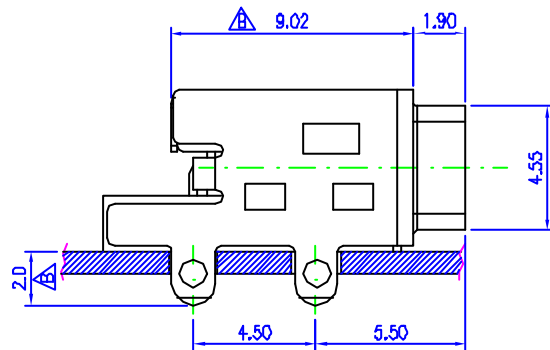
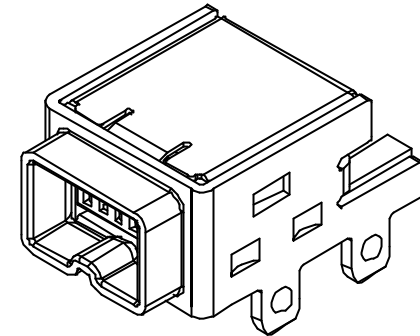
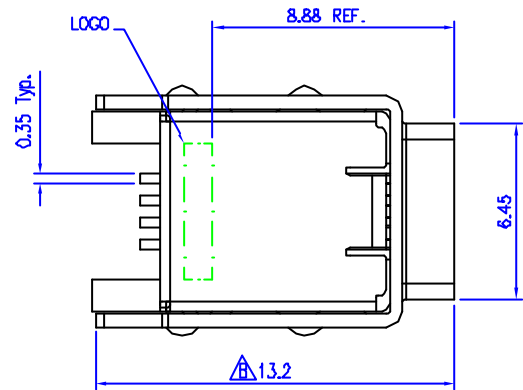


REV.	DESCRIPTION	DRAWN/DATE	CHECK/DATE	APPROVED/DATE
A	NEW RELEASE PER ECR-00659	Max 11/16/'00	~	MAX 11/16/'00'
B	REV. PER ECR-00680 Δ X3	Max 11/27/'00	~	MAX 11/27/'00'
C	REV. PER SZECR-02442 Δ X1	DAVIE 07/24/'02	TOM 07/25/'02	Max 07/26/'02
D	REV. PER ECR-02171 Δ X1	JUDY 09/16/'02	WEN 09/1702'	JEFF 09/17/'02



5	CONTACT	2	COPPER ALLOY	NOTES 3.2.
4	CONTACT	2	COPPER ALLOY	NOTES 3.2.
3	HOUSING	1	THERMOPLASTIC	
2	SPRING	1	STAINLESS	
1	SHELL	1	STEEL	NOTES 3.1.
ITEM	PART NAME	Q'TY/EA	MATERIAL	FINISHES

GENERAL TOLERANCE		ANGLE TOLERANCE		DRAWN	DATE	 Mega-Chip Electronics Pte Ltd
X.	± 0.38	X.	$\pm 3.0^\circ$	Max	9/16/'00	
.X	± 0.25	.X	$\pm 2.0^\circ$	DESIGN	DATE	
.XX	± 0.13	.XX	$\pm 1.0^\circ$	Max	9/16/'00	TITLE IEEE-1394 4P RECEP. R/A/SMT CUSTOMER DRAWING
.XXX	± 0.05			CHECKED	DATE	
MATERIAL SEE NOTES		FINISH SEE NOTES		APPROVED	DATE	SHEET 1 of 2
SCALE 5 : 1		UNIT mm		Max	11/16/'00'	
SHEET 1		OF 2		DRAWING NO. C-AVR41-00-00		REV. D

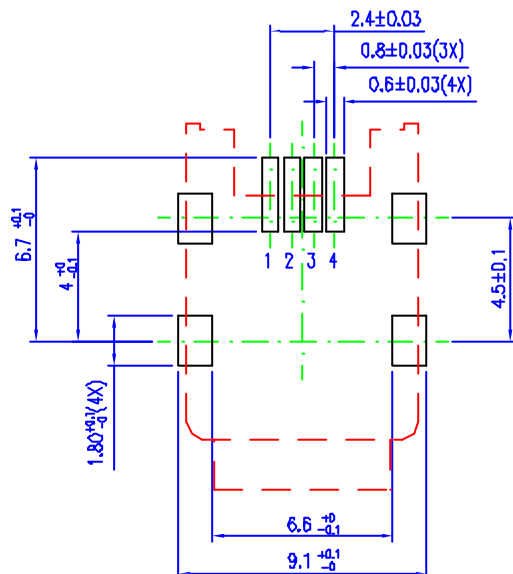


FIGURE C : RECOMMENDED SURFACE-MOUNT FOOTPRINT

NOTES :

- 1.0. ELECTRICAL CHARACTERISTIC :
 - 1.1. CONTACT RESISTANCE : 50 MILLIOHMS MAXIMUM INITIAL
 - 1.2. INSULATION RESISTANCE : 100 MEGOHMS MINIMUM
 - 1.3. DIELECTIC WITHSTANDING VOLTAGE : 100 $\pm$ 10 VDC
- 2.0. MATERIALS :
 - 2.1. SHELL : STEEL
 - 2.2. SPRING : STAINLESS
 - 2.3. HOUSING : HIGH-TEMPERATURE THERMOPLASTIC, GLASS FILLED, 240°C, UL 94V-0 RATED
 - 2.4. CONTACT : COPPER ALLOY
- 3.0. FINISHES :
 - 3.1. SHELL : TIN PLATED OVER COPPER
 - 3.2. CONTACT : PLATED GOLD IN MATING AREA ; TIN/LEAD ON TAILS.
- 4.0. OTHERS :
 - 4.1. RECOMMENDED PC BOARD THICKNESS OF 0.80mm
 - 4.2. THIS ALLOW FOR A PANEL THICKNESS OF 2.67mm MAXIMUM, IF THE RECEPTACLE CONNECTOR IS MOUNTED BEHIND A PANEL.
 - 4.3. RECOMMENDED PC BOARD MOUNTING DIMMENSION : REFER FIGURE C
 - 4.4. DATUM AND BASIC DIMMENSIONS ESTABLISHED BY CUSTOMER.
 - 4.5. PRODUCT NUMBERING CODE : REFER TO TABLE A

TABLE A :

AVR41 - 4 * * * 1 1
1 2 3 4 5

1. SERIES :
AVR41 : IEEE-1394 4PIN RECEPT. SMT (CONTACT) , T/H (SHELL)
2. PIN :
4 : 4 POSTIONS
3. COLOR OF INSULATION :
K : BLACK
4. PLATING OF CONTACT :
5 : SELECT PLATED GOLD 30u"
5. PLATING OF SHELL , SPRING LOGO :
C : BRIGHT TIN PLATED - SHELL , SPRING W/O LOGO

GENERAL TOLERANCE		ANGLE TOLERANCE		DRAWN	DATE	 Mega-Chip Electronics Pte Ltd	TITLE IEEE-1394 4P RECEPT. R/ASMT CUSTOMER DRAWING
X	±0.38			Max	9/16/00		
.X	±0.25	X°	±3.0'	DESIGN	DATE		
.XX	±0.13	X'	±2.0'	Max	9/16/00		
.XXX	±0.05	XX'	±1.0'				
MTRL SEE NOTES		FINISH SEE NOTES		CHECKED	DATE		
							
SCALE 5 : 1	UNIT mm	APPROVED		DATE	SERIES IEEE-1394 SERIES	SIZE A3	
SHEET 2 OF 2		Max		11/16/00	DRAWING NO. C-AVR41-00-00	REV. D	