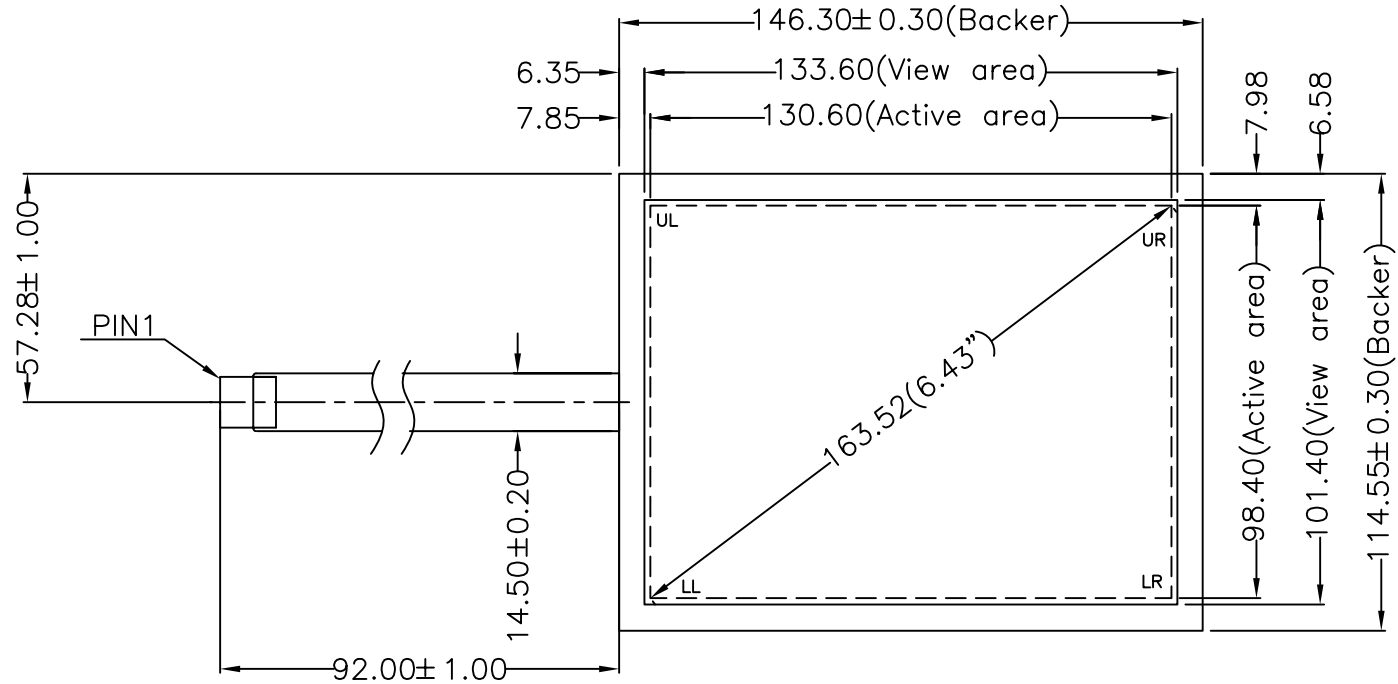# US Micro Products
Electronic Products for the OEM

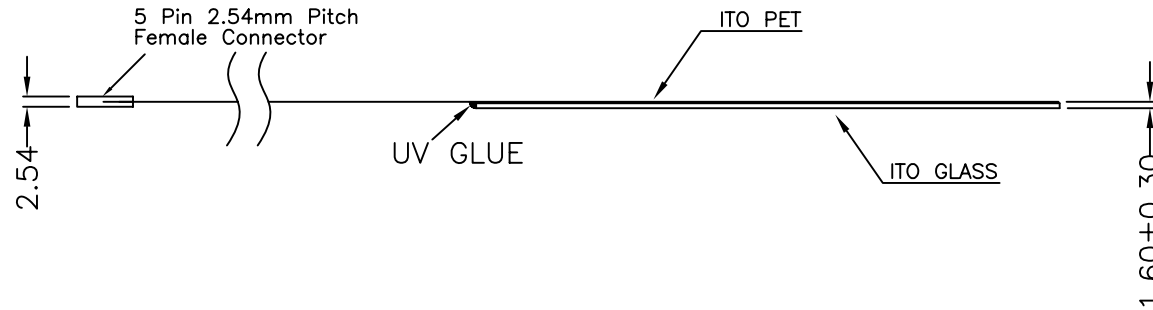# TOUCH PRODUCT SPECIFICATION

PART NUMBER:	USMP-MR50643
DESCRIPTION:	6.43" 5 wire resistive touch panel

ISSUE DATE	APPROVED BY (Customer Use Only)	CHECKED BY	PREPARED BY
PROPRIETARY NOTE:	THIS SPECIFICATION IS THE PROPERTY OF US MICRO PRODUCTS AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF US MICRO PRODUCTS AND MUST BE RETURNED TO US MICRO PRODUCTS UPON ITS REQUEST.		

146.30±0.30(Backer)

6.35

133.60(View area)

7.85

130.60(Active area)

7.98

6.58

UL

UR

PIN1

163.52(6.43")

57.28±1.00

98.40(Active area)

101.40(View area)

114.55±0.30(Backer)

LL

LR

14.50±0.20

92.00±1.00

Pin#	Assignment
1	UR
2	LR
3	S
4	UL
5	LL

5 Pin 2.54mm Pitch
Female Connector

ITO PET

2.54

UV GLUE

ITO GLASS

1.60±0.30

NOTES:

1. ITO GLASS THICKNESS : 1.10mm
2. OVERALL THICKNESS : 1.60±0.30mm
3. CONNECTOR AND PINOUT AS INDICATED
4. FRONT SURFACE : ANTI-GLARE HARDCOAT
5. TAIL TYPE : IMMERSION GOLD PLATED FPC WITH AMP-C CONNECTOR
6. OTHER SPEC : SEE APPROVAL SHEET

RoHS COMPLIANT

US Micro Products
Electronic Products for the OEM

		MARK OF TAIL LENGTH HAS BEEN CORRECTED	Alex
-02	5/27/09		
NO.	DATE	DESCRIPTION	CHK
		REVISION	

CHIEF OF DESIGN		APPROVED	Alex
ENGINEER		PROJECT MANEGER	
DRAWN BY	William	DATE	May. 27, 2009
	SHT 1 OF 1	REV.	

TOLERANCES UNLESS SPECIFIED		MODEL NAME : USMP-MR50643
.X	± 0.50	
.XX	± 0.50	DWG NO :
.XXX	± 0.30	
ANGULAR	.	SCALE: 1:1 UNIT: mm

Displays

US Micro Products is an industrial distributor specializing in engineered display solutions. We dedicate ourselves to providing the best in displays for the medical, industrial, gaming, automotive, aerospace, military and consumer markets.

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TFT Display

Open Frame Monitors

Passive LCDs

Multitouch

Touch Screen

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Trackballs

Aerospace Trackballs

Printers