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27pin Flex Cable



Datasheet

**Revision 2.0
Friday, July 25, 2011**

**Customer/Partner
Internal**



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27pin Flex Cable

1 Revision History

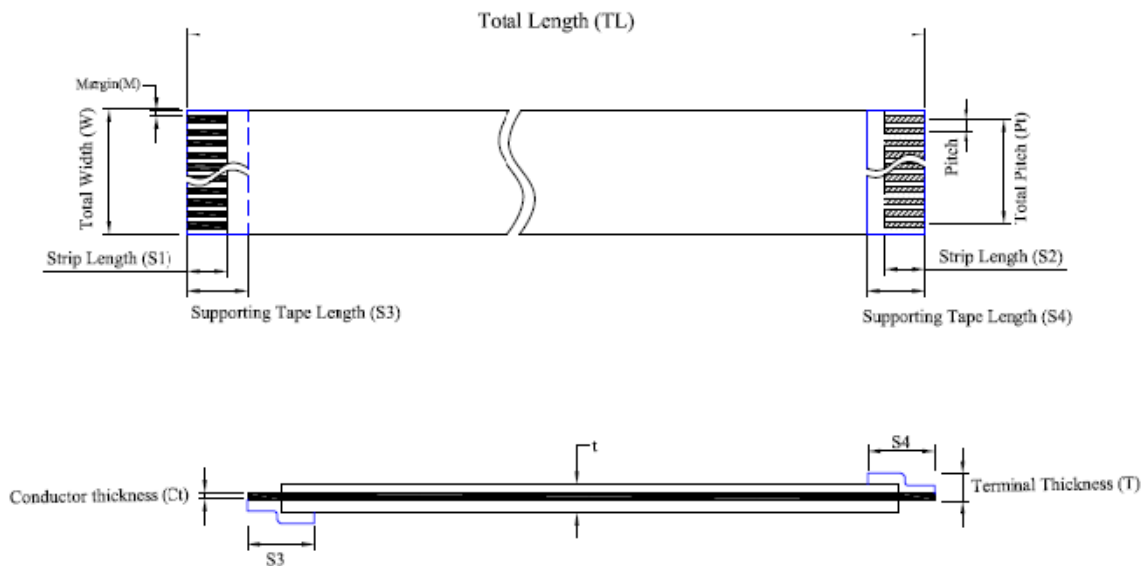
Rev No	Date	Major Changes	Author
1	September 24, 2010	Initial draft version	Raghavendran
2	July 25, 2011	Update the Cable Dimensions	S.P.Subhashini



2 Introduction

This cable is 27 pin and 0.3mm pitch of length 50mm.

3 Cable Dimension



Symbol	Pitch	Pin	Type	TL	Pt	W	M	T	t	S1	S2	S3	S4	Ct	Cw
Range	0.3	27	D	50	7.8	8.4	0.15	0.2	0.13	4	4	6	6	0.05	0.2
Tolerance	±0.02	Ditto	Ditto	±2.0	±0.03	±0.05	±0.01	±0.03	±0.03	±1.0	±1.0	±1.0	±1.0	±0.005	±0.02

Note: All Dimensions are in mm



4 Specifications

Conductor	:	Tin Plated Copper conductor
Tin plating thickness	:	1-3 micron
Insulation	:	Polyester (PET) film + adhesive
PET film thickness	:	0.019mm
PET adhesive thickness	:	0.024mm
Supporting tape	:	Polyester (PET) film + adhesive
PET film thickness	:	0.128mm
PET adhesive thickness	:	0.032mm

5 Recommended mating connectors

Description	CONN, FPC, 27 Pin, 0.3mm Pitch
Manufacturer	Omron
Part number	XF2B-2745-31A

6 Ordering information

Part number	CAB_GSTIX_CAM
Description	Camera Interface Cable for Gumstix® Overo™ COMs

7 Typical Usage

7.1 Physical view of the cable



Fig-1



7.2 Cable with e-CAM50_OMAP_GSTIX



Fig-3

