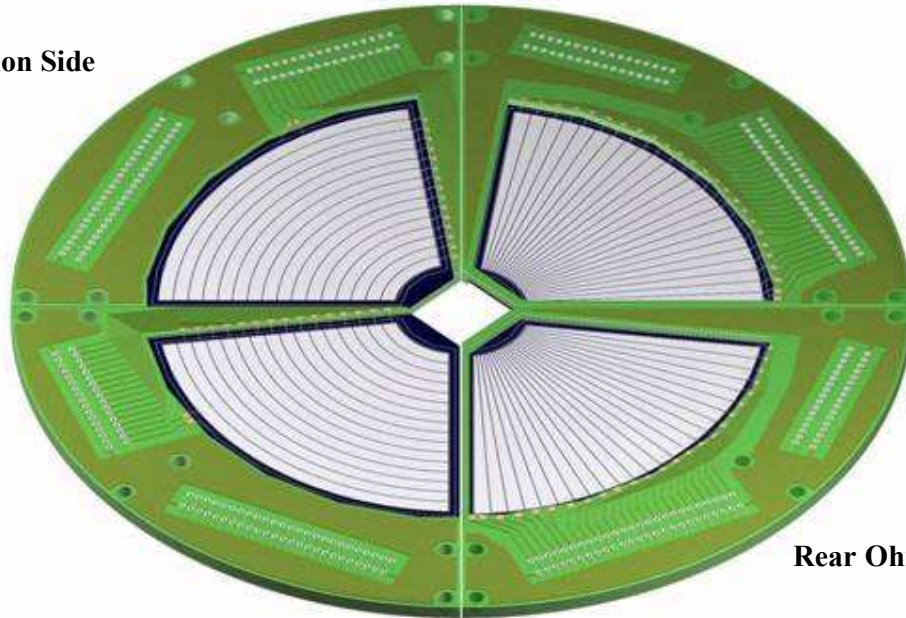


SINGLE OR DOUBLE SIDED 90° CD DETECTOR

Front Junction Side



Rear Ohmic Side

SILICON DETECTOR TYPE:	DOUBLE SIDED DC STRIP DETECTOR	
TECNOLOGY:	4 INCH SILICON	
JUNCTION WINDOW:		
STANDARD:	0.5 μm	
THIN:	0.1 μm	
	Detectors are available as optical or nuclear devices.	
ACTIVE AREA:	1139.0 mm^2	
INNER RADIUS:	9.0 mm	
OUTER RADIUS:	41.0 mm	
N° ANNULAR JUNCTION STRIPS:	16	
STRIP PITCH:	2.0 mm	
STRIP SEPARATION:	0.1 mm	
N° RADIAL OHMIC STRIPS:	24	
SECTOR ANGLE:	3.4°	
FULL DEPLETION (FD):		
OPERATING VOLTAGE:		
TOTAL LEAKAGE CURRENT:		
TOTAL RESOLUTION (Am 241):		
PACKAGE:	90° recessed single sided transmission PCB. Material: FR4 Dimensions Depth = 2.4 mm Outer Radius = 61.0 mm Inner Dimension = 7.4 mm Mounting: 6 positions with a $\varnothing 2.2\text{mm}$	90° recessed double sided transmission PCB. Material: FR4 Dimensions Depth = 2.4 mm Outer Radius = 61.0 mm Inner Dimension = 7.4 mm Mounting: 6 positions with a $\varnothing 2.2\text{mm}$
CONNECTION:	Samtec Connector FTSH-117-01-L-D-EJ	50 way connector with latches 3M 81050-660301

EXPERIMENTS: IISN, REX ISOLDE at CERN, UNIVERSITY OF YORK
TRIUMPH CANADA, DINEX SPAIN

QUALITY ASSURANCE:ISO9001

