

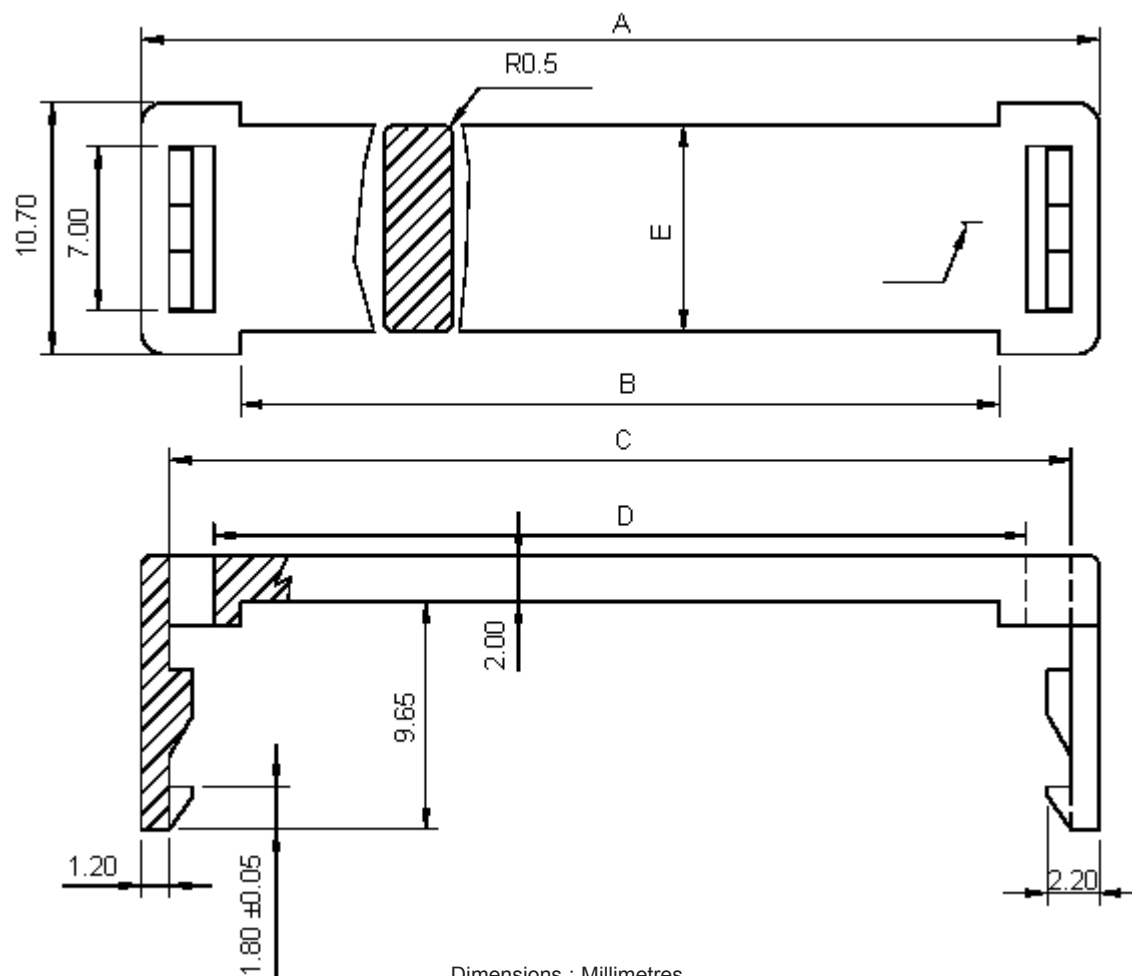


PART NO.

B508F304-FEC

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Venkat	15/3/08	Suresh	15/3/08	G. C	31/3/08



Dimensions : Millimetres

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DRAWN BY:

Venkat

DATE:

15/03/08

CHECKED BY:

Suresh

DATE:

15/03/08

APPROVED BY:

G.Cook

DATE:

31/03/08

DRAWING TITLE:

Strain Relief - 37 way

SIZE
A

DWG NO.

M10000807

ELECTRONIC FILE
B508F304-FEC_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 2



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Material Properties

Properties	Test Method	Test Condition	PBT-RG301
Glass Fibre Content	-	-	30%
Specific Gravity	ASTM D792	23°C	1.64g/cm ³
Water Absorption	ASTM D570	23°C, 24 hours	0.07%
Tensile Strength	ASTM D527	At break	120MPa
Tensile Elongation			2.6%
IZOD Notched impact Strength	ASTM D638	23°C	80J/m
Flexural Strength	ASTM D790		190MPa
Flexural Modulus			9000MPa
Rockwell Hardness	ASTM D785	R Scale	120
Molding Shrinkage	ASTM D955	3.2mm	0.3/0.9%
Heat Deflection Temperature	ASTM D648	0.45MPa	220°C
		1.8MPa	210°C
Flammability	UL 94	0.75~3.0mm	V-0
Volume Resistivity	ASTM D257	-	10 ¹⁶ Ω.cm
Dielectric Constant	ASTM D150	10 ⁶ Hz	3.5
Dielectric Strength	ASTM D149	23°C, 3.2mm	23kV/mm
Characteristic	Flame retarded, high strength, good heat resistance, outstanding electrical properties, no blooming		

Specification Table

Material	A	B	C	D	E	PIN	Part Number
PBT+30% Glass Fibre	57.20	47.49	54.80	51.00	8.50	37	B508F304-FEC

Dimensions : Millimetres

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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