

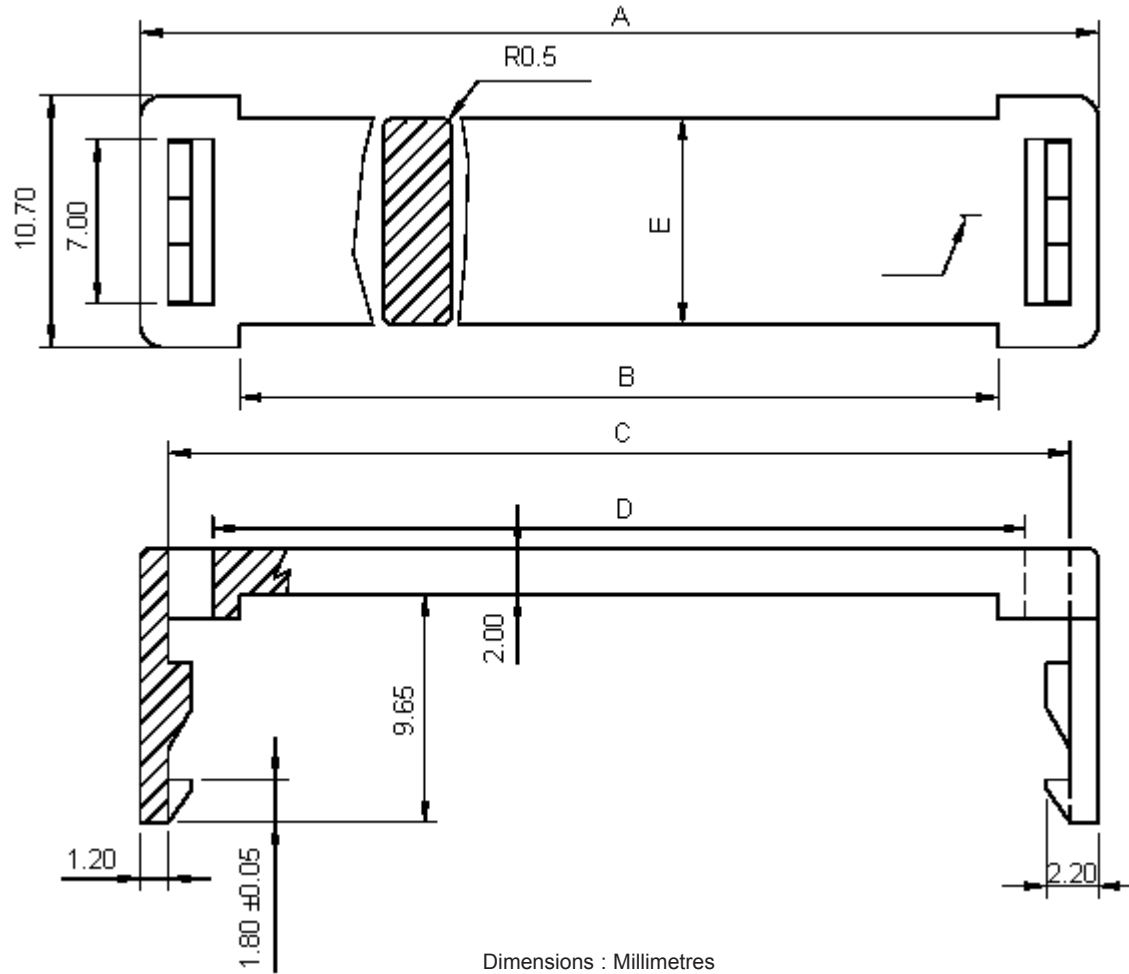


PART NO.

B508F303-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:	DATE:
Venkat	15/03/08
CHECKED BY:	DATE:
Suresh	15/03/08
APPROVED BY:	DATE:
G.Cook	31/03/08

DRAWING TITLE:

Strain Relief - 25 way

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000806	B508F303-FEC_DWG	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	40.74	32.25	38.34	34.54	8.50	25	B508F303-EC

Dimensions : Millimetres

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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SIZE A	DWG NO. M10000806	ELECTRONIC FILE B508F303-FEC_DWG	REV A
SCALE: NTS		U.O.M.: mm	SHEET: 2 OF 2