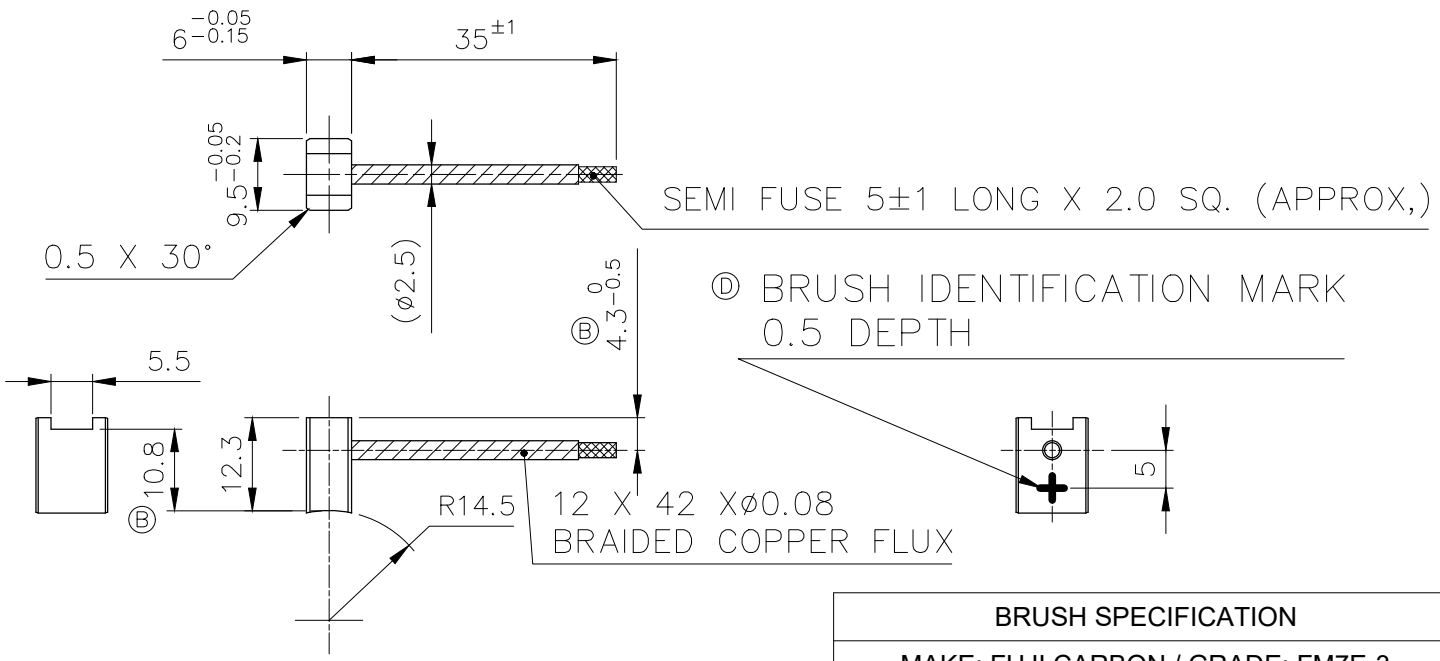
QUOTE LATEST ISSUE DRG. No. 26 26 7349	D	**Lucas–TVS LTD., PADI, CHENNAI, INDIA.**		
		THIRD ANGLE PROJECTION	DO NOT SCALE	DIMENSIONS IN MM UNLESS OTHERWISE STATED

1st ISSUE

ALTERATION	DATE & NOTE No.	ISS
DRG. RELEASED FOR PRODUCTION.	DRN32508 17.05.24	A
DIM. 4.3+0/−0.5 WAS 3.3+0/−0.5. DIM. 10.8 WAS 11.8.	DCN40334 28.09.24	B
BRUSH IDENTIFICATION DETAILS ADDED	DCN40428 17.01.25	D



BRUSH SPECIFICATION		
MAKE: FUJI CARBON / GRADE: FM7E-3		
1	DENSITY	3.8 - 4.2 g/cm^3
2	SPECIFIC RESISTANCE	0.15 -0.6 μΩm
3	HARDNESS SHORE	15 - 30
4	BENDING STRENGTH	19.6 - 49 MPa
5	FRICTION COEFFICIENT	LOW
6	LIFE	40,000 CYCLES MIN. WITH FOLLOWING CYCLE: 5 SEC ON 25 SEC OFF

NOTE:

1. THE FLEX TO BE MOULDED ALONG WITH BRUSH.
2. THE PULL OFF LOAD FOR BRUSH FLEX TO BE 7 kgf MIN.
3. VOLTAGE DROP ACROSS PELLET AND FLEX IS 5 mV MAX. AT 10 A.

SC SIGNIFICANT CHARACTERISTIC

CC CRITICAL CHARACTERISTIC

GEOMETRIC TOLERANCE SYMBOLS

CHARACTERISTIC	SYM	CHARACTERISTIC	SYM
STRAIGHTNESS	—	PROFILE OF A SURFACE	⌓
FLATNESS	▱	PARALLELISM	//
ROUNDNESS	○	SQUARNESS	⊥
CYLINDRICITY	⌭	ANGULARITY	∠
PROFILE OF A LINE	⌒	RUNOUT	↗
POSITION	⌖	M.M.C	Ⓜ
CONCENTRICITY	◎	DATUM	▲
SYMMETRY	⌯	TRUE POSITION (BOXED DIMN)	25

ANY MODIFICATION IN THIS DRAWING SHOULD FIRST BE INCORPORATED IN THE CAD FILE

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LIMITS UNLESS STATED

DIMENSIONS WITH: –

NO DECIMALS	(e.g 22)	±0.4mm
ONE DECIMALS	(e.g 22.1)	±0.2mm
TWO DECIMALS	(e.g 22.12)	±0.1mm
ANGLES :	FOR CHAMFERS	± 5 DEGS.
	FOR OTHERS	± 30 MINS.

MATERIAL	SEE ABOVE
SPECN.	SEE ABOVE
TREATMENT	–
FINISH	–
SUPERSEDES: –	–
REF: –	26 26 2000

BRUSH POSITIVE

SM68–9x3

SCALE: –	1:1		
DRAWN	MANIMARAN M	DATE	17.05.24
CHECKED	N.SRIDAR	TRACED	
APPROVED			

DRG. No. 26 26 7349 D

FORM No. L11–05 D THIS DRAWING MAY ONLY BE ALTERED IF THE PART REMAINS INTERCHANGEABLE. IF NOT INTERCHANGEABLE A NEW DRAWING NUMBER MUST BE TAKEN.

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