



Nota 1: Denomination:
 - Family: PA66/6
 - Manufacturer : EMS
 - Trade name: Grilon TS V0
 - Colour : Black
 - RoHS compliant

Symbol	Definition	Qty
◇	SIGNIFICANT characteristics	3
Ⓜ Ⓢ Ⓝ Ⓡ	SAFETY characteristics	m= 00
	REGULATION characteristics	n= 1

- Recommendation:
 UL:
 - Yellow card number requested: YES
 - Coloured agent allowed: NO

Nota 2: Injection process
 - No mould release agent or silicon agent (no grease or oil mark)
 - Max regrind material percentage: 25 %

Nota 3: Dimension, tolerance
 - Nominal constant plastic thickness on the part = 1.2mm
 - All dimensions under moisture absorption condition
 - For dimensions not specified refer to 3D file. (All dimensions are centered on the middle of the tolerance, and comply with the NF T-58000 reduced class).
 - All the draft angle are designed on the 3D file
 - Part Volume 7797.7 (mm3)
 - General tolerance, displacement due to parts of the mold, shrink marks, burrs in accordance to NF T-58000
 - The capability dimensions must be measured between (target) ⊕ ⊕

Nota 4: Appearance
 - Injection gate location must be approved by LEM design office.
 - Ejectors location must be approved by LEM design office.
 - Level of ejector marks must be in hollow mini 0.05mm maxi 0.3mm.
 - Location of parting line must be approved by LEM design office.
 - Burrs on parting line not allowed.
 - General appearance: EDM (electro discharge machining) CH21 or Ra 1.12 um, unless otherwise specification.

Nota 5: Traceability marking
 - Marking raised, height max 0.3 mm in a hollow, unless otherwise specification. This marking must not exceed the face.
 - Drawing revision on the part, location, refer to drawing (2 digits on a removable block) ex: drawing revision 00 = 00 on the part.
 - Warning, the letter at the end of the drawing revision must not be marked on the part, ex: drawing revision 01A = 01 on the part.
 - Cavity number, location, refer to the drawing, written with a number, directly marked on the mold (1 digit if cavity number between 2 and 9, 2 digits if more than 10 cavities)
 - Date code (month, year),(on an ejector or a removable bloc), location, refer to the drawing.
 - All the traceability marking locations can be moved, but must be defined in agreement with LEM design office.

Nota 6: Others marking
 - For all marking (symbol, logo, text, etc..) refer to 3D file.
 - The marking raised, refer to the 3D file.
 - Material >PA66/6<, refer to 3D file.

Rev.	Date (MM.DD.YYYY)	Modification	CFU	Name
01B	11.30.2021	Add accepted table	---	tyz
01A	11.23.2021	Modify the tolerance	---	tyz
01	05.20.2021	Add located pins	---	tyz
00	09.15.2020	New drawing	B19005A	tyz

General tolerances Linear: See nota Angular: See nota	Folio: 1 / 2	LEM Electronics (China) Co., Ltd No.28.Linhe Str.,Linhe Industrial Development Zone Shunyi District 101300, Beijing China	LEM			
Ⓢ SAFETY characteristics	Ⓡ REGULATION characteristics	◇ SIGNIFICANT characteristics	Size A3	Scale 2:1	Writer 09.15.2020 tyz	
All linear dimensions are in millimeter. All angles are in degree.			This document is the property of LEM International SA. No copy without prior written permission.			
DIN ADAPTER						Checker YHo
HTRS			Approval 11.30.2021 WJu	Drawing reference 50.34.02.549.0		
			Revision 01B			

H G T M D C B A

Table valid for the dimensions identified by a balloon with the revision and the number written inside

Accepted dimensions table			
Revision	Number	Original dimension	Accepted dimension
01B	#1	51.9±0.35	51.9 (+0.35, -0.9)

7

4

3

3

2

2

1

1

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DIN ADAPTER <hr/> HTRS			Approval		11.30.2021	WJu		
			Drawing reference			Revision		
			50.34.02.549.0			01B		

H G F E D C B A