

DRAWN	TCA	TITLE SPEC-PN MARKING,PERMANENT	DOCUMENT NUMBER	
APPR	GHR		49-00051	
DATE	05/07/12			
			SHEET 1 OF 2	REV LTR K
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY				

1 Purpose

This specification covers the permanent marking of parts with the _____ part number, revision level, supplier code, and date.

2 Scope

This specification covers permanent part number marking only. For Temporary part number marking guidelines, such as labeling, tagging, batch tagging, shipping container marking, etc., refer to ‘ _____

3 Responsibility

All those involved with the design, documentation, review, procurement, manufacture or quality assurance of _____ parts shall ensure that the requirements of this specification are met.

Engineering will define when permanent part number marking is required by including a reference to this specification or explicit part marking instructions on the engineering drawing.

4 General Requirements

- 4.1 The part number marking shall be permanent and remain legible during the life expectancy of the part.
- 4.2 The part number marking shall not interfere with the function or appearance of the part.
- 4.3 Unless otherwise specified on the engineering drawing, the part number marking shall be located at the manufacturer’s discretion.
- 4.4 Engineering may specify either a specific acceptable or prohibited area for the part number marking by placing a note on the drawing that reads “MARK P/N HERE” or “DO NOT MARK P/N HERE” with a leader pointing to the specified area(s).
- 4.5 When practical, the part number marking can be included in the tooling.
- 4.6 Part number marking shall be block capital lettering at a minimum height of 2.25 mm / .09 inch.
- 4.7 For molded or cast parts, the consequences of subsequent operations must be considered when choosing the location of the part number marking. The part number marking must not interfere with the release of the part from the mold and must not cross the mold parting line. The rough casting part number marking should be added to the rough casting in an area from which it can be removed by subsequent machining operations.
- 4.8 Unless otherwise specified on the engineering drawing, the type of permanent part number marking shall be at the manufacturer’s discretion and prioritized as follows:

Priority 1: Recessed	Priority 3: Etched, lasered, needled
Priority 2: Raised	Priority 4: Ink Stamped
- 4.9 When a part is used as material to make another part, the original part number marking shall be permanently defaced and the new part number marking added. For example: A bracket is used as material to make a new bracket with an additional hole in it.

REV	RELEASE	DATE	BY	REVISION HISTORY
H	PSTD01-92	05/07/12	TCA	REDRAWN TO NEW FORMAT. ADDED DEFINITION FOR IDENTIFICATION.
J	PSTD01-M3	03/07/14	TCA	REVISED ALL SECTIONS. ADDED REVISION LEVEL, TRADEMARKS, SUPPLIER CODE, AND DATE CODE SECTIONS.
K	PSTD02-96	12/01/16	TCA	ADDED 4.14.1.3.

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4.10 Permanent part number markings for plastic and composite parts must include the year, month, day and shift of production. National or DME date plug mold inserts are preferred; however, indelible ink permanent transfers or insert films are also acceptable, providing the markings remain legible. Composites such as SMC, Preform, or other reactive batch resin systems are to also display a material batch number. Part number markings are to conform to all applicable provisions of this specification, such as size and location.

4.11 Revision Level

4.11.1 The drawing revision level shall be included in the permanent part number marking with the following exceptions:

4.11.1.1 The cost of tooling modifications for tooling built prior to the issuance of revision 'J' of this specification would be prohibitive.

4.11.1.2 The size of the area in which the part number marking is to be applied is not large enough to accommodate the additional information.

4.12 Trademarks

4.12.1

of any
product Trademarks in the permanent part number marking shall be prohibited.

4.12.1.2 When necessary for inventory or internal control purposes, the acronym may be included in the part number marking as text only.

4.12.2 Supplier designed parts may have the supplier's trademark located by the supplier. In this case, the part number marking should be located in the same vicinity.

4.13 Supplier Code

4.13.1 Each supplier location is assigned a 3 to 9 digit Supplier Code by Supplier Codes can be queried internally in IMACS. To find the Supplier Code for a part, use .'. To find the supplier for a Supplier Code, use .'.
NOTE: In IMACS, the Supplier Code is also referred to as the VNDR DE or VENDOR CODE.

4.13.2 The Supplier Code shall be included in the permanent part number marking with the following exceptions:

4.13.2.1 The cost of tooling modifications for tooling built prior to the issuance of revision 'J' of this specification would be prohibitive.

4.13.2.2 The size of the area in which the part number marking is to be applied is not large enough to accommodate the additional information.

4.14 Date Code

4.14.1 The Date Code shall be included in the permanent part number marking with the following exceptions:

4.14.1.1 The cost of tooling modifications for tooling built prior to the issuance of revision 'J' of this specification would be prohibitive.

4.14.1.2 The size of the area in which the part number marking is to be applied is not large enough to accommodate the additional information.

4.14.1.3 Traceability of the part is fully covered through the serial number.

4.14.2 The Date Code shall include the year, month, and day of production.