DENSO Web (NASWEB) Supplier Label Technical Spec

Rev 4 (3.28.23)

6.5x4 Large Container Label Tech Spec

Part Number
Block Title = Part Number
Data Identifier = P
Data = Part Number (including dash)
Text Height = 7 mm
Source = 862 Segment LIN03(BP)
Maximum Length = 15

Description
Block Title = Description
Data = Part Description
Text Height = 5 mm
Source = 862 Segment LIN05(PD)
Maximum Length = 30

Quantity
Block Title = Qty
Data Identifier = Q
Data = Based on Order quantity and Box quantity
Text Height = 7 mm
Source = 862 Segment P0402(BX)
Maximum Length = 8

Serial Number (by supplier code)
Block Title = Serial #
Data Identifier = 3S
Data = Based on Supplier code and serial number (including dash) *Note: Strip off the affiliate when creating the tags. ONLY have the Supplier Code – Serial # (Serial # = sequential 0 to 69999 by part number)*
Text Height = 7 mm
Source = 862 Segment N104(SU)
Maximum Length = 12

Plant Code
Block Title = Plant Code
Data = Ship to plant
Text Height = 14 mm
Source = 862 Segment N104(ST)
Maximum Length = 2

Location
Block Title = Location
Data = Warehouse location
Text Height = 6 mm
Source = 862 Segment REF02(RL)
Maximum Length = 5

Due Date
Block Title = Due Date
Data = Delivery due date
Text Height = 6 mm
Source = 862 Segment DTM02(002)
Maximum Length = 8

Warehouse
Block Title = Warehouse
Data = Receiving Warehouse
Text Height = 6 mm
Source = 862 Segment REF02(RV)
Maximum Length = 1

Control Number
Block Title = Control #
Data = Control number from 862
Text Height = 6 mm
Source = 862 Segment LIN07(KP)
Maximum Length = 4

Tag Slip 1 Remark
Block Title = Tag Slip 1
Data = Remark/Comment
Text Height = 9 mm
Source = 862 Segment PKG05 when PKG01=F
This is an input field at "Tag Slip Remarks (1)" Note: User default is blank if no comment is desired
Maximum Length = 8

Label Purpose: Identifies a part number in the container

Size: 6.5x4; cardstock. Illustration is NOT actual size. Any dimensions that are not otherwise specified on this page SHALL be in compliance with AIAG B-10.

Part No. (P)
TN057763-7131

Description
010B RING

Plant Code
DMTN B1

Qty (Q)
60

Recv Whse
1

Location
W1C

Control #
RK3

Due Date
09/07/2018

Serial # (3S)
PD1-21721

Tag Slip 1
FULL

FRAEN CORP.,80 NEWCROSSING RD,READING,MA 01867

6.5x4 Container Label to Scale

Part No. (P)			
TN057763-7131			
Description		Plant Code	
010B RING		DMTN B1	
Qty (Q)		Recv Whse	Location
60		1	W1C
		Control #	Due Date
		RK3	09/07/2018
Serial # (3S)		Tag Slip 1	
PD1-21721		FULL	
FRAEN CORP.,80 NEWCROSSING RD,READING,MA 01867			

3x1 Small Container Label Tech Spec

Description

Block Title = Description
Data = Part Description
Text Height = 5 mm
Source = 862 Segment LIN05(PD)
Maximum Length = 30

Part Number

Block Title = Part Number
Data Identifier = P
Data = Part Number (including dash)
Text Height = 7 mm
Source = 862 Segment LIN03(BP)
Maximum Length = 15

TN177632-8850J1

Desc OSP PCB - 642L AUTO

Sup/Serial#   A21608-27917

Qty   120
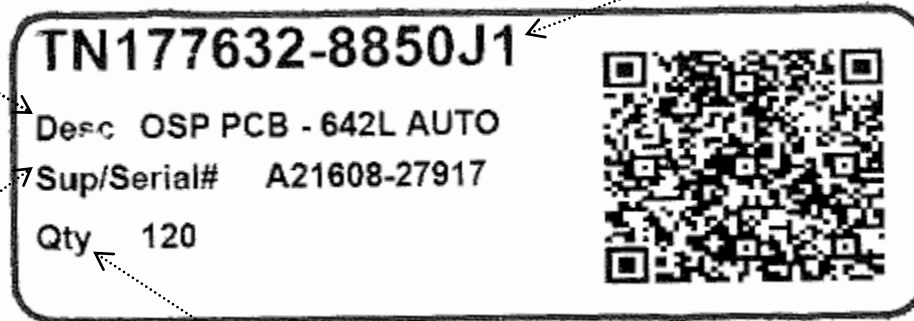
Serial Number (by supplier code)

Block Title = Serial #
Data Identifier = 3S
Data = Based on Supplier code and
serial number (including dash) *Note:
Strip off the affiliate when creating the
tags. ONLY have the Supplier Code –
Serial # (Serial # = sequential 0 to
69999 by part number)*
Text Height = 7 mm
Source = 862 Segment N104(SU)
Maximum Length = 12

- **Quantity**
- Block Title = Qty
- Data Identifier = Q
- Data = Based on Order quantity and
- Box quantity
- Text Height = 7 mm
- Source = 862 Segment P0402(BX)
- Maximum Length = 8

Container Label
to Scale

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General QR Code Specification

QRCODE Technical Specifications at Denso Manufacturing Tennessee, INC.

	QRCODE SPECIFICATIONS	
QR Code Model	Mode 2	Enhanced Specifications with improved position correction and large volume of data capacity
Symbol size	Automatic	From 25 x 25 modules per side to 181 x 181 modules per side with QuietZone (Version 1 to Version 40) Size grows by 4 modules per side
Cell Width	05 dots	Dot = 0.085mm in **300 dpi printer**
Rotation Angle	0 degrees	No rotation
Type Of Data used	Alphanumeric	Max. 4,296 characters

DPI: Recommended DPI (Dots per Inch) is 203 printers.

QRCode is an ISO Standard regulated under the following code: (ISO/IEC18004)
Technical Contact: US-DMTN-NAPCE@na.denso.com

Container QR Code Specification

QR Code Field Definitions and Data Sources

QR Code Field	Field Length	Field Type	Sample Data[1]	EDI Data Source	Comment	Used
Industry Code	4	Fixed	DISC	N/A	Always 'DISC'	Y
Company Code	6	Fixed	506002	N/A	Always '506002'	Y
Label identifier(in the company)	2	Fixed	00	N/A	Always '00'	Y
Structure identifier	2	Fixed	00	N/A	Always '00'	Y
QR code identifier	2	Fixed	01	N/A	Always '01'	Y
No. of Fields	3	Fixed	012	N/A	Always '012'	Y
Kanban Type ID Index	5	Fixed	10002	N/A	Always '10002'	Y
Customer Part# ID Index	5	Fixed	10130	N/A	Always '10130'	Y
Denso Part# ID Index	5	Fixed	10415	N/A	Always '10415'	Y
Label Qty ID Index	5	Fixed	11207	N/A	Always '11207'	Y
Supplier Part# ID Index	5	Fixed	10725	N/A	Always '10725'	Y
Supplier Code ID Index	5	Fixed	12406	N/A	Always '12406'	Y
Process Code of Supplier ID Index	5	Fixed	12904	N/A	Always '12904'	Y
Sequence Number ID Index	5	Fixed	15205	N/A	Always '15205'	Y
Bucket Number ID Index	5	Fixed	15408	N/A	Always '15408'	Y
Order Number ID Index	5	Fixed	15509	N/A	Always '15509'	Y
Schedule Stock In Date ID Index	5	Fixed	15308	N/A	Always '15308'	Y
Delivery Date ID Index	5	Fixed	70708	N/A	Always '70708'	Y
Kanban Type	2	Fixed	11	N/A	Always '11'	Y
Cust. Part no.	30	Fixed	AX949103-4150******************	N/A	Calculated by label printing module	N
DENSO Part no.	15	Variable	AX949103-4150**	"BP" qualified LIN03 Product ID		Y
Label Quantity	7	Variable	0000800	N/A	Calculated by label printing module	Y
Supplier Part no.	25	Variable	*************************	N/A	Always 25 blanks	Y
Supplier Code	6	Variable	A03***	"SU" qualified N104		Y
Process Code of Supplier	4	Fixed	****	N/A	Always 4 blank spaces	N
Seq No.	5	Variable	01130	N/A	Calculated by label printing module	Y
Bucket No.	8	Fixed	********	N/A	Always 8 blank spaces	N
Order No.	9	Fixed	*********		Always 9 blank spaces	N
Stock-in date (in supplier)	8	Fixed	********	N/A	Always 8 blank spaces	N
Delivery date	8	Variable	20101015	"002" qualified DTM02 within FST Loop.		Y
Notes:						
[1] Spaces represented by "*" asterisks.						
Data String (using sample data from above)	206	Variable	See below:		Spaces represented by "*" asterisks.	

DISC5060020000010121000210130104151120710725124061290415205154081550915308707081 1AX949103-4150******************AX949103-4150**0000800*************************A03******01130***************************20101015

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Quick Receive (LPN) Label Tech Spec

1) Label Format

4"x 6.5" sticky label

Text height: 14 mm

From Address
Text height: 6mm
**Source: 862 Segment
N101(SU);
N202 bytes 40-74
N301 bytes 4-39
N302 bytes 40-74**

To Address
Text height: 6mm
**Source: 862 Segment
N101(ST);
N202 bytes 40-74
N301 bytes 4-39
N302 bytes 40-74**

Pallet Id cannot repeat at supplier code level over the course of a calendar year. Example→Supplier ABC123 ships to DMAT and DMTN; cannot send same pallet ID to both locations.

DENSO-QUICK RECEIVE LABEL

FROM:
DENSO MEXICO - KINOUHIN
PARQUE INDUSTRIAL MONTERREY
APODACA,N.L. C.P.66603
MEXICO

DLNT
648 COUCHVILLE PIKE
SUITE 102
MOUNT JULIET, TN 37102

LPN#

TN123456789A42

Label will be created in (1)NASWEB supplier portal - OR- (2) for EDI suppliers, by supplier system and approved by NAPCE (na-dmtn-napc@na.denso.com)

DENSO Affiliate code+Pallet Serial Number (**System generated non-repeating number**)+Supplier code
Text height: 16mm
Source: 862 Segment N104(SU) bytes 11-19+REF02 I27

DO#: 12345678

**SHIP DATE: 7/13/21
SHIP TIME: 15:30**

MIXED

TN123456789A42

DO#
Text Height 14 mm
Source: 862 Segment LIN05 element 234

"MIXED" for pallet with multiple part numbers on it

Linear Barcode Contents:
1. Tag format identifier (QR)
2. DENSO affiliate code+Pallet ID+Supplier Code to DENSO (padded with blanks on right side to make 6 digits if less than 6 digits)

Total characters=19
2 digits: Identifier QR
2 digits: DENSO Affiliate code (please refer to table for guide)
9 digits: Unique Pallet Serial number
6 digits: Supplier code
This information will be tied to ASN

SAMPLE:
QRTN123456789A42

AFFILIATE CODE	DENSO LOCATION
AA	DMMI
AK	DMAR
CN	DMCN
TN	DMTN
NC	DMNC
MX	DNMX
KA	KDMK
WH	NALC (DLNT, DLIA, DLMI, DLTX)
GX	ASMX
YB	Air Systems
AN	DMAT

DENSO DELIVERY ORDER

Issue Date: 02/17/2005 (1)   PI4-705542 (2)   **DO#:** 50223089 (5)
Print Date: 02/21/2005 (3)   **Rev:** -- (6)

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Special Instructions: (7)

Supplier Code : PI4 (8)	**Ship To Plant Code** : DMTNA1 (9)
AINAK INC. (12)	**Warehouse** : 1 (10)
1605 Fortune Drive (13)	**Dock** : A1 (11)
Winchester, KY 40391 USA (14)	DENSO MANUFACTURING TN. INC. (15)
	1720 ROBERT C. JACKSON DRIVE (16)
	MARYVILLE, TN 37801 USA (17)

Planner: A-L CHRIS FUQUA [61] (18)   **Phone:** 8659827000 (19)

Route# : MN3-701 (20)   **Ship Date** : 02/21/2005 (21)   **Delivery Date** : 02/23/2005 (22)   **EDAN#** : _____
Carrier : _____   **Time** : 00:02 (23)   **Time** : 12:02 (24)

Whse Loc	Control #	Part No	Qty/Box	No of Boxes	Order Qty	Qty Shipped	Remaining
(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
AF-11		TN021605-1970	90000	1	90000	90000	0

Weight: _____   **Load#:** _____

Supplier Signature and Date   **Driver Signature and Date**   **Receiving Signature and Date**

_____   _____   _____

Delivery Order Detail

#	Field	Source	Data Element	Comments
1	Issue Date	862	BSS03	Creation Date
2	Delivery order #	862	REF02 (MF)	(LIN/FST/JIT Loop) Original = 8 digits, Revision = 10 digits
3	Print Date	->		Calculated field
4	Delivery order # (Code 39)	862	REF02 (MF)	(LIN/FST/JIT Loop) Original = 8 digits, Revision = 10 digits
5	Delivery Order #	862	REF02 (MF)	(LIN/FST/JIT Loop) Original = 8 digits, Revision = 10 digits
6	Revision #	862	REF02 (MF)	(LIN/FST/JIT Loop) Last 2 digits of 10 digit D/O#.
7	Special Instructions	862	REF02 (KK)	
8	Supplier Code	862	N104 (SU)	
9	Plant Code	862	N104 (ST)	
10	Receiving Warehouse	862	REF02 (RV)	(LIN Loop)
11	Dock Code	862	REF02 (DK)	(LIN Loop)
12	Ship From (Supplier) Name	->		From table
13	Ship From (Supplier) Address	->		From table
14	Ship From (Supplier) City, State, Zip	->		From table
15	Ship To Company Name	862	N201	
16	Ship To Plant Address	862	N202	
17	Ship To Plant City, State, Zip	862	N301	
18	Planner Name	862	PER02	
19	Planner Phone	862	PER04	
20	Route #	862	REF02 (RU)	(LIN/FST/JIT Loop)
21	Ship Date	862	DTM02 (118)	Optional --> Only sent for milkrun routes
22	Ship Time	862	DTM03 (118)	Optional --> Only sent for milkrun routes
23	Delivery Date	862	DTM02 (002)	
24	Delivery Time	862	DTM02 (002)	Optional --> Only sent when time is registered for Dock/Rout
25	Warehouse Location	862	REF02 (RL)	(LIN Loop)
26	Control #	862	LIN07	
27	Part #	862	LIN03	
28	Qty per Box	862	PO402 (BX)	
29	# of Boxes	->		Calculated field. Order Qty divided by Qty per Box
30	Order Qty	862	FST01	
31	Qty Shipped	->		User entered field
32	Remaining	->		Calculated field