

ENABLING THE ELECTRONICS REVOLUTION

Technical Bulletin: JUNCTION MODULES Mil Spec 81714 & TJ Commercial equivalence**

February 2024

Scope of Technical Bulletin

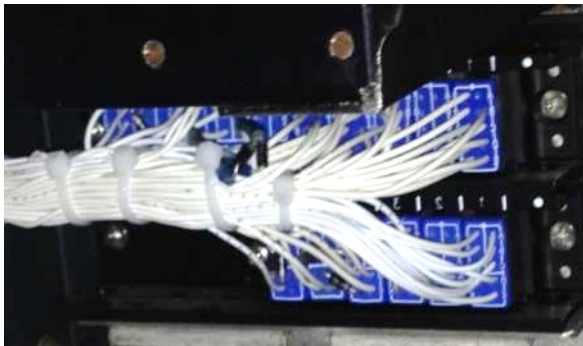
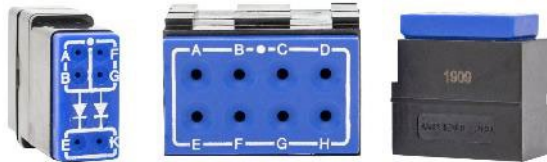
This bulletin is intended to direct the user in selecting substitutions for M81714 parts while they are on stop ship. Amphenol PCD offers a commercially equivalent part number for each M81714 Series I and Series II part. Details on their similarity and a cross-reference list are included in this document.



Junction Modules: Overview

Small, Lightweight Connectors that can Distribute Power & Provide Connectivity and Bussing between Systems, Instruments, Ground Points

- Two types: Series I (Blue - Pin contacts); Series II (Brown - Socket contacts)
- Highly reliable, environmentally sealed, plastic bussing modules
- Low-to-Medium Power distribution
- Voltage & Impedance line matching
- Typical usage: power distribution on aircraft, military ground vehicles and seaborne systems in harsh environments



Features & Benefits:

Series I

Pin Contacts

- M39029/1 Pin style crimp contacts
- Supports wire sizes 12-26 AWG

Features	Benefits
SAE-AS81714 & MIL-T-81714 performance level	QPL requalification expected Q4 2024 / Q1 2025
Class 3B silicone sealant	Tear and flex silicone
UltraSonic bonding	Tighter seals, less corrosion, & moisture penetration
Proprietary epoxy	Longer lasting in the field
Stainless steel retaining clips	Lighter, weight savings
Fewer solder joints	For more reliable electrical operation
Several configurations & styles	Wide application coverage, Proven performance
Ability to customize product	Application specific coverage
Electronic Systems	Can be supplied with variety of diodes, resistors, capacitors, & fuses; Meets electronic parameters of M81714/24 /25 /26

PN Prefix	Description	Equivalent Mil-Spec
TJM	Sz 12/16/20	M81714/1, /2, /3, /4, /6, /7, /8, /9
THE	Sz 12/16/20 Electronic	Performs to M81714/26, /25 (Non-QPL)
TJHD	Sz 22 Electronic	M81714/17
TJT	Tracks	M81714/5, /10, /16 (Light Weight)
TJF	Flange Ground	Performs to M81714/28 (Non-QPL)
TJG	Stud Ground	Performs to M81714/27 (Non-QPL)
TJS	Splices: Single & Dbi	M81714/11, /12
TJSE	Electronic Splices	M81714/21, /23, /24 (/24 Non-QPL)

Series II

Socket Contacts M39029/22 Socket style crimp contacts

- Supports wire sizes 12-26 AWG
- Lighter weight than Series I due to simplified internal construction (replacing internal sockets/clips with single machined piece)

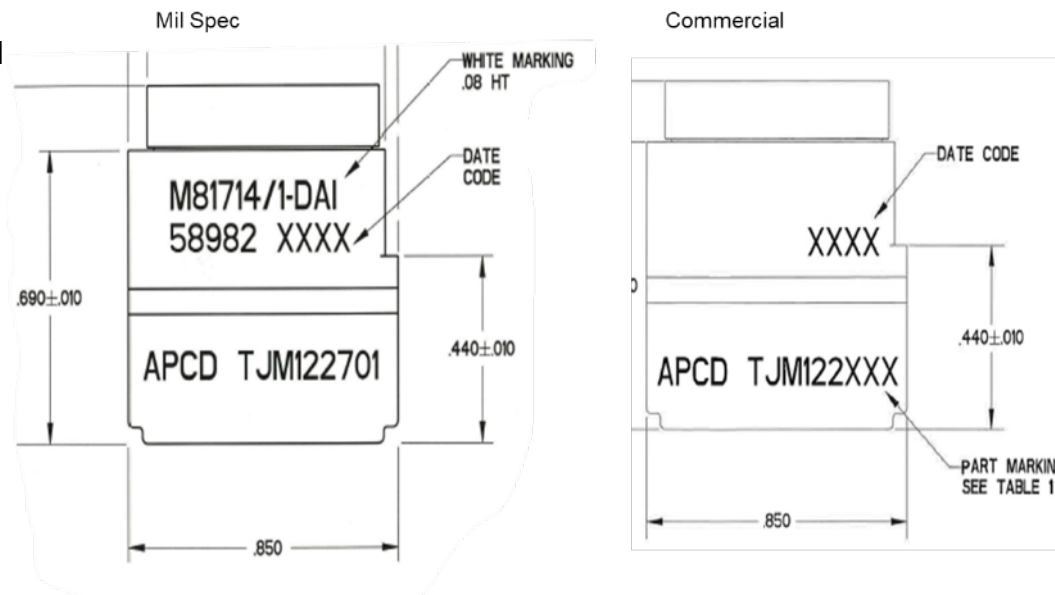
Features	Benefits
SAE-AS81714 & MIL-T-81714 performance level	QPL requalification expected Q4 2024 / Q1 2025
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Proprietary epoxy	Longer lasting in the field
Stainless steel retaining clips	Lighter, weight savings
Fewer solder joints	For more reliable electrical operation
Several configurations & styles	Wide application coverage, Proven performance
Ability to customize product	Application specific coverage
Electronic Systems	Can be supplied with variety of diodes, resistors, capacitors, & fuses; Meets electronic parameters of M81714/62

PN Prefix	Description	Equivalent Mil-Spec
SJM	Modules	M81714/60, /61
SJE	Electronics	Performs to M81714/62 (Non-QPL)
SJT	Metal Track	M81714/67
SJTC	Composite Track	Performs to M81714/67 (Non-QPL)
SJG	Ground Modules	M81714/63
SJS	Splices: Single & Dbi	M81714/65
SJP	Board Mount	Performs to M81714 Specs

Commercial modules versus MIL-81714

APCD Part Classification	MIL-81714	Commercial
Specifications	Identical	Identical
Sources	Identical	Identical
Assembly Process	Identical	Identical
Assembly MWI	Identical	Identical
Marking	Includes MIL number	APCD number only
Bill of materials	Identical	Identical
Production Test	Group A	Group A
Periodic Test	Group B	Group B
Group B data submission	Submitted to NAWCAD	Is not submitted
3 YR qualification retention test plan	Is applied	Is not submitted

Marking Comparison ex. part M81714/1-DA1



Commercial Equivalent Module supporting documentation

- **Datasheets (drawings and specs)**
- **.stp or “step” files for 3D modelling**
- **Cross-reference list (double check part numbers!)**
- **Similarity document listing tests performed**
- **Test report TR-1924 (summary of performance results of commercial equivalents)**

Excerpt from TR-1924

Amphenol Pcd		Page 3 of 14	No. TR-1924
TEST REPORT	Title SAE AS81714 Equivalency Validation Report	REVISION A	

1. TEST PURPOSE:

The purpose of this report is to summarize the performance results of commercial equivalents to AS81714 terminal junction modules utilizing the same raw material, BOM, and manufacturing methods as previously qualified offerings. Commercial equivalent PN are listed in section 5

Excerpt from TR-1924

Amphenol Pcd		Page 6 of 14	No. TR-1924
TEST REPORT	Title SAE AS81714 Equivalency Validation Report	REVISION A	

4. TEST SEQUENCE:

Title	Requirement Paragraph	Test Paragraph	Test Groups			
			1 1/	2	3	4 2/
Visual and Mechanical Examination 4/	3.1, 3.3, 3.4, 3.6, 3.7	4.6.1	Pass	Pass	Pass	Pass
Magnetic Permeability	3.5.15	4.6.15	Pass			Pass
Maintenance Aging	3.5.2	4.6.3	Pass	Pass	Pass	
Contact Insertion/Removal Forces	3.5.3	4.6.3	Pass	Pass		
Contact Retention	3.5.4	4.6.4	Pass	Pass		
Low Signal Level Contact Resistance	3.5.17	4.6.17	Pass	Pass		
Contact Resistance	3.5.16	4.6.16	Pass			
Dielectric Withstanding Voltage(sea level)	3.5.6	4.6.6.1	Pass		Pass	
Altitude Immersion	3.5.21	4.6.21	Pass			
Dielectric Withstanding Voltage (altitude)	3.5.6	4.6.6.2	Pass			
Thermal Shock	3.5.5	4.6.5	Pass			Pass
Sine Vibration 3/	3.5.8	4.6.8.1	Pass			Pass
Random Vibration 3/	3.5.8	4.6.8.2		Pass		Pass
Mechanical Shock	3.5.9	4.6.9	Pass	Pass		Pass
Temperature Life	3.5.13	4.6.13		Pass		Pass
Insulation Resistance (elev. temp.)	3.5.11.2	4.6.11.2		Pass		
Low Signal Level Contact Resistance	3.5.17	4.6.17		Pass		
Ozone	3.5.14	4.6.14		Pass		
Salt Spray	3.5.12	4.6.12		Pass		Pass
Humidity	3.5.10	4.6.10	Pass			
Insulation Resistance (room temperature)	3.5.11.1	4.6.11.1	Pass	Pass		
Fluid Immersion	3.5.7	4.6.7			Pass	
Contact Insertion/Removal Forces	3.5.3	4.6.3			Pass	
Dielectric Withstanding Voltage	3.5.6	4.6.6	Pass	Pass	Pass	
Probe Damage (Series D)	3.5.1	4.6.2	Pass			
Contact Resistance	3.5.16	4.6.16	Pass			
Low Signal Level Contact Resistance	3.5.17	4.6.17	Pass	Pass		
Retention System Fluid Immersion	3.5.24	4.6.23	Pass			
Contact Retention	3.5.4	4.6.4	Pass			
Internal Contact Durability	3.5.19	4.6.19	Pass			
Voltage Stability	3.5.18	4.6.18	Pass	Pass		
Contact Resistance	3.5.16	4.6.16	Pass	Pass		
Contact Retention	3.5.4	4.6.4	Pass			
Oversize Test External Contact (Series D)	3.5.20	4.6.20	Pass			
Contact Walkout	3.5.23	4.6.22	Pass			
Visual & Mechanical Examination	3.1	4.6.1	Pass	Pass	Pass	Pass

Excerpt from TR-1924

Amphenol Pcd		Page 7 of 14	No. TR-1924
TEST REPORT	Title SAE AS81714 Equivalency Validation Report	REVISION A	

5. Qualification by Similarity:

Product families have identical manufacturing processes, test samples in section 3 share identical materials, contact size, and retention system design to the following product families in this section.

Additional provisions from AS81714 in determining which samples cover the remaining configurations are as follows:

- Terminal Junction Blocks with either the highest amount of independent or most complicated busses (4.4.1.1.2)
- Unbussed Terminal Junction Splices also qualify bussed splices (4.4.1.1.4)
- Any Grounding Block qualifies all other by similarity (4.4.1.1.6)

Configurations qualified by similarity but not selected as a test sample shall undergo FAI, and Group A and B testing shall continue to be performed on each production lot.

Lead times and Reasonable Expectations

Standard lead times for commercial modules are approx. 16 weeks.

Can we expedite?

- **Yes, expedites are possible on a case-by-case basis**
- **Please inquire**

Do we charge an additional fee?

- **Expedite fees are typical**

Other options?

- **We might be able to suggest a different p/n (such as Less Contacts) or one that is available from inventory**

Web Product Support

Amphenol PCD | website provides:

- Inventory search function
- Product family brochures
- Drawings(Datasheets)/search function
- Main Product Catalog .pdf
- Product family pages .pdf
- 3D “step” files

Product Support

- **For questions please contact:**

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AmphenolPCD

November 1, 2023

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TO: Whom It May Concern

FROM: Amphenol PCD Core Products Team
Amphenol PCD Inc.

SUBJECT: Junction Modules Qualification by Similarity

Purpose: This document is to claim qualification by similarity between Amphenol PCD commercial grade and Mil-Spec AS81714 Junction Module and Track products.

Scope: This document applies to all Amphenol PCD commercial Junction Module and Track products.

As can be seen from Table 1, APCD commercial products are constructed from the same materials utilizing the same construction methods as APCD Mil Spec products. APCD commercial products are subject to the same production tests and periodic tests as the APCD Mil Spec products. Group B test data is not submitted to NAWCAD for commercial products, and APCD commercial products are not subject to 3-year Retention of Qualification reporting requirements.

Conformance to SAE81714 specifications is based on Amphenol PCD's previous qualification for the referenced part families. Amphenol PCD is currently undergoing qualification to AS81714 standard. Qualification is anticipated to be completed late in Q1 2025.

Table 1.

APCD Part Classification	MIL-81714	Commercial
Specifications	Identical	Identical
Sources	Identical	Identical
Assembly Process	Identical	Identical
Assembly MWI	Identical	Identical
Marking	Includes MIL number	APCD number only
Bill of materials	Identical	Identical
Production Test	Group A	Group A
Periodic Test	Group B	Group B
Group B data submission	Submitted to NAWCAD	Is not submitted
3 YR qualification retention test plan	Is applied	Is not submitted

Updated 11.01.2023

APCD Commercial Equivalent PN	Contacts	Mil-Spec PN	APCD Mil-Spec Internal PN
*Non Mil-Spec Offering Available	-	*Mil-Spec currently on Stop Ship	*Mil-Spec currently on Stop Ship
TJM122801	LC	M81714/1-DA1	TJM122601
TJM122901	WC	M81714/1-DA1	TJM122701
TJM122802	LC	M81714/1-DB1	TJM122602
TJM122902	WC	M81714/1-DB1	TJM122702
TJM122803	LC	M81714/1-DB2	TJM122603
TJM122903	WC	M81714/1-DB2	TJM122703
TJM122804	LC	M81714/1-DB3	TJM122604
TJM122904	LC	M81714/1-DB3	TJM122704
TJM122805	WC	M81714/1-DC1	TJM122605
TJM122905	WC	M81714/1-DC1	TJM122705
TJM122806	LC	M81714/1-DC2	TJM122606
TJM122906	WC	M81714/1-DC2	TJM122706
TJM122810	LC	M81714/1-DC3	TJM122610
TJM122910	WC	M81714/1-DC3	TJM122710
TJM122812	LC	M81714/1-DC4	TJM122612
TJM122912	WC	M81714/1-DC4	TJM122712
TJM122807	LC	M81714/1-DD1	TJM122607
TJM122907	WC	M81714/1-DD1	TJM122707
TJM122811	LC	M81714/1-DD2	TJM122611
TJM122911	WC	M81714/1-DD2	TJM122711
TJM122808	LC	M81714/1-DE1	TJM122608
TJM122908	WC	M81714/1-DE1	TJM122708
TJM120801	LC	M81714/2-DA1	TJM120601
TJM120901	WC	M81714/2-DA1	TJM120701
TJM120802	LC	M81714/2-DB1	TJM120602
TJM120902	WC	M81714/2-DB1	TJM120702
TJM120803	LC	M81714/2-DB2	TJM120603
TJM120903	WC	M81714/2-DB2	TJM120703
TJM120804	LC	M81714/2-DB3	TJM120604
TJM120904	WC	M81714/2-DB3	TJM120704
TJM120805	LC	M81714/2-DC1	TJM120605
TJM120905	WC	M81714/2-DC1	TJM120705
TJM120806	LC	M81714/2-DC2	TJM120606
TJM120906	WC	M81714/2-DC2	TJM120706
TJM120810	LC	M81714/2-DC3	TJM120610
TJM120910	WC	M81714/2-DC3	TJM120710
TJM120812	LC	M81714/2-DC4	TJM120612
TJM120912	WC	M81714/2-DC4	TJM120712
TJM120807	LC	M81714/2-DD1	TJM120607
TJM120907	WC	M81714/2-DD1	TJM120707
TJM120811	LC	M81714/2-DD2	TJM120611
TJM120911	WC	M81714/2-DD2	TJM120711
TJM120808	LC	M81714/2-DE1	TJM120608
TJM120908	WC	M81714/2-DE1	TJM120708
TJM116801	LC	M81714/3-DA1	TJM116601
TJM116901	WC	M81714/3-DA1	TJM116701
TJM116802	LC	M81714/3-DB1	TJM116602
TJM116902	WC	M81714/3-DB1	TJM116702
TJM116803	LC	M81714/3-DB2	TJM116603
TJM116903	WC	M81714/3-DB2	TJM116703
TJM116805	LC	M81714/3-DC1	TJM116605
TJM116905	WC	M81714/3-DC1	TJM116705
TJM116806	LC	M81714/3-DC2	TJM116606
TJM116906	WC	M81714/3-DC2	TJM116706
TJM116807	LC	M81714/3-DD1	TJM116607
TJM116907	WC	M81714/3-DD1	TJM116707
TJM112801	LC	M81714/4-DA1	TJM112601
TJM112901	WC	M81714/4-DA1	TJM112701
TJM112802	LC	M81714/4-DB1	TJM112602
TJM112902	WC	M81714/4-DB1	TJM112702

LC = Less Contacts
WC = With Contacts

TJM112803	LC	M81714/4-DB2	TJM112603
TJM112903	WC	M81714/4-DB2	TJM112703
TJM112805	LC	M81714/4-DC1	TJM112605
TJM112905	WC	M81714/4-DC1	TJM112705
TJM112806	LC	M81714/4-DC2	TJM112606
TJM112906	WC	M81714/4-DC2	TJM112706
TJM112807	LC	M81714/4-DD1	TJM112607
TJM112907	WC	M81714/4-DD1	TJM112707
TJT801010	Track	M81714/5-1	TJT701010
TJT801012	Track	M81714/5-10	TJT701012
TJT801013	Track	M81714/5-11	TJT701013
TJT801014	Track	M81714/5-12	TJT701014
TJT801015	Track	M81714/5-13	TJT701015
TJT801003	Track	M81714/5-2	TJT701003
TJT801004	Track	M81714/5-3	TJT701004
TJT801005	Track	M81714/5-4	TJT701005
TJT801006	Track	M81714/5-5	TJT701006
TJT801007	Track	M81714/5-6	TJT701007
TJT801008	Track	M81714/5-7	TJT701008
TJT801009	Track	M81714/5-8	TJT701009
TJT801011	Track	M81714/5-9	TJT701011
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TJM222902	WC	M81714/6-DB1	TJM222702
TJM222803	LC	M81714/6-DB2	TJM222603
TJM222903	WC	M81714/6-DB2	TJM222703
TJM222804	LC	M81714/6-DB3	TJM222604
TJM222904	WC	M81714/6-DB3	TJM222704
TJM222805	LC	M81714/6-DC1	TJM222605
TJM222905	WC	M81714/6-DC1	TJM222705
TJM222806	LC	M81714/6-DC2	TJM222606
TJM222906	WC	M81714/6-DC2	TJM222706
TJM222807	LC	M81714/6-DD1	TJM222607
TJM222907	WC	M81714/6-DD1	TJM222707
TJM222808	LC	M81714/6-DE1	TJM222608
TJM222908	WC	M81714/6-DE1	TJM222708
TJM222809	LC	M81714/6-DJ1	TJM222609
TJM222909	WC	M81714/6-DJ1	TJM222709
TJM220801	LC	M81714/7-DA1	TJM220601
TJM220901	WC	M81714/7-DA1	TJM220701
TJM220802	LC	M81714/7-DB1	TJM220602
TJM220902	WC	M81714/7-DB1	TJM220702
TJM220803	LC	M81714/7-DB2	TJM220603
TJM220903	WC	M81714/7-DB2	TJM220703
TJM220804	LC	M81714/7-DB3	TJM220604
TJM220904	WC	M81714/7-DB3	TJM220704
TJM220805	LC	M81714/7-DC1	TJM220605
TJM220905	WC	M81714/7-DC1	TJM220705
TJM220806	LC	M81714/7-DC2	TJM220606
TJM220906	WC	M81714/7-DC2	TJM220706
TJM220807	LC	M81714/7-DD1	TJM220607
TJM220907	WC	M81714/7-DD1	TJM220707
TJM220808	LC	M81714/7-DE1	TJM220608
TJM220908	WC	M81714/7-DE1	TJM220708
TJM220809	LC	M81714/7-DJ1	TJM220609
TJM220909	WC	M81714/7-DJ1	TJM220709
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TJM216902	WC	M81714/8-DB1	TJM216702
TJM216803	LC	M81714/8-DB2	TJM216603
TJM216903	WC	M81714/8-DB2	TJM216703

TJM216805	LC	M81714/8-DC1	TJM216605
TJM216905	WC	M81714/8-DC1	TJM216705
TJM216806	LC	M81714/8-DC2	TJM216606
TJM216906	WC	M81714/8-DC2	TJM216706
TJM216807	LC	M81714/8-DD1	TJM216607
TJM216907	WC	M81714/8-DD1	TJM216707
TJM216808	LC	M81714/8-DG1	TJM216608
TJM216908	WC	M81714/8-DG1	TJM216708
TJM216809	LC	M81714/8-DH1	TJM216609
TJM216909	WC	M81714/8-DH1	TJM216709
TJT802010	Track	M81714/10-1	TJT702010
TJT802003	Track	M81714/10-2	TJT702003
TJT802004	Track	M81714/10-3	TJT702004
TJT802006	Track	M81714/10-5	TJT702006
TJT802008	Track	M81714/10-7	TJT702008
TJT802009	Track	M81714/10-8	TJT702009
TJS312800	LC	M81714/11-12D	TJS312600
TJS312900	WC	M81714/11-12D	TJS312700
TJS316800	LC	M81714/11-16D	TJS316600
TJS316900	WC	M81714/11-16D	TJS316700
TJS320800	LC	M81714/11-20D	TJS320600
TJS320900	WC	M81714/11-20D	TJS320700
TJS322800	LC	M81714/11-22D	TJS322600
TJS322900	WC	M81714/11-22D	TJS322700
TJS316801	LC	M81714/12-16D-1	TJS316601
TJS316901	WC	M81714/12-16D-1	TJS316701
TJS316802	LC	M81714/12-16D-2	TJS316602
TJS316902	WC	M81714/12-16D-2	TJS316702
TJS320801	LC	M81714/12-20D-1	TJS320601
TJS320901	WC	M81714/12-20D-1	TJS320701
TJS320802	LC	M81714/12-20D-2	TJS320602
TJS320902	WC	M81714/12-20D-2	TJS320702
TJS322801	LC	M81714/12-22D-1	TJS322601
TJS322901	WC	M81714/12-22D-1	TJS322701
TJS322802	LC	M81714/12-22D-2	TJS322602
TJS322902	WC	M81714/12-22D-2	TJS322702
TJT803010	Track	M81714/16-1	TJT703010
TJT803012	Track	M81714/16-10	TJT703012
TJT803013	Track	M81714/16-11	TJT703013
TJT803014	Track	M81714/16-12	TJT703014
TJT803015	Track	M81714/16-13	TJT703015
TJT803003	Track	M81714/16-2	TJT703003
TJT803004	Track	M81714/16-3	TJT703004
TJT803005	Track	M81714/16-4	TJT703005
TJT803006	Track	M81714/16-5	TJT703006
TJT803007	Track	M81714/16-6	TJT703007
TJT803008	Track	M81714/16-7	TJT703008
TJT803009	Track	M81714/16-8	TJT703009
TJT803011	Track	M81714/16-9	TJT703011
TJHD22800	LC	M81714/17-D30	TJHD22600
TJHD22900	WC	M81714/17-D30	TJHD22700
TJHD22801	LC	M81714/17-D31	TJHD22601
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TJHD22802	LC	M81714/17-D32	TJHD22602
TJHD22902	WC	M81714/17-D32	TJHD22702
TJHD22803	LC	M81714/17-D33	TJHD22603
TJHD22903	WC	M81714/17-D33	TJHD22703
TJHD22804	LC	M81714/17-D34	TJHD22604
TJHD22904	WC	M81714/17-D34	TJHD22704
TJHD22805	LC	M81714/17-D35	TJHD22605
TJHD22905	WC	M81714/17-D35	TJHD22705
TJHD22806	LC	M81714/17-D36	TJHD22606
TJHD22906	WC	M81714/17-D36	TJHD22706

TJHD22807	LC	M81714/17-D37	TJHD22607
TJHD22907	WC	M81714/17-D37	TJHD22707
TJHD22808	LC	M81714/17-D38	TJHD22608
TJHD22908	WC	M81714/17-D38	TJHD22708
TJHD22809	LC	M81714/17-D39	TJHD22609
TJHD22909	WC	M81714/17-D39	TJHD22709
TJHD22810	LC	M81714/17-D40	TJHD22610
TJHD22910	WC	M81714/17-D40	TJHD22710
TJHD22812	LC	M81714/17-D42	TJHD22612
TJHD22912	WC	M81714/17-D42	TJHD22712
TJHD22813	LC	M81714/17-D43	TJHD22613
TJHD22913	WC	M81714/17-D43	TJHD22713
TJHD22814	LC	M81714/17-D44	TJHD22614
TJHD22914	WC	M81714/17-D44	TJHD22714
TJHD22815	LC	M81714/17-D45	TJHD22615
TJHD22915	WC	M81714/17-D45	TJHD22715
TJSE22271	LC	M81714/21-1D001	TJSE22211
TJSE22371	WC	M81714/21-1D001	TJSE22311
TJSE20111	LC	M81714/21-1D002	TJSE20211
TJSE20111WC	WC	M81714/21-1D002	TJSE20311
TJSE20272	LC	M81714/21-1D003	TJSE20212
TJSE20372	WC	M81714/21-1D003	TJSE20312
TJSE20273	LC	M81714/21-1D004	TJSE20213
TJSE20373	WC	M81714/21-1D004	TJSE20313
TJSE20284	LC	M81714/23-1D00	TJSE20234
TJSE20384	WC	M81714/23-1D00	TJSE20334
TJSE20281	LC	M81714/23-1D001	TJSE20231
TJSE20381	WC	M81714/23-1D001	TJSE20331
TJSE20282	LC	M81714/23-1D002	TJSE20232
TJSE20382	WC	M81714/23-1D002	TJSE20332
TJSE20283	LC	M81714/23-1D003	TJSE20233
TJSE20383	WC	M81714/23-1D003	TJSE20333
TJSE20285	LC	M81714/23-1D005	TJSE20235
TJSE20385	WC	M81714/23-1D005	TJSE20335
TJSE20286	LC	M81714/23-1D006	TJSE20236
TJSE20386	WC	M81714/23-1D006	TJSE20336
TJSE20287	LC	M81714/23-1D007	TJSE20237
TJSE20387	WC	M81714/23-1D007	TJSE20337
TJSE20288	LC	M81714/23-1D008	TJSE20238
TJSE20388	WC	M81714/23-1D008	TJSE20338
TJSE20289	LC	M81714/23-1D009	TJSE20239
TJSE20389	WC	M81714/23-1D009	TJSE20339
TJSE20290	LC	M81714/23-1D010	TJSE20240
TJSE20390	WC	M81714/23-1D010	TJSE20340
TJSE20291	LC	M81714/23-1D011E	TJSE20241
TJSE20391	WC	M81714/23-1D011E	TJSE20341
TJSE20292	LC	M81714/23-1D012	TJSE20242
TJSE20392	WC	M81714/23-1D012	TJSE20342
TJSE20293	LC	M81714/23-1D013	TJSE20243
TJSE20393	WC	M81714/23-1D013	TJSE20343
TJSE20294	LC	M81714/23-1D014	TJSE20244
TJSE20394	WC	M81714/23-1D014	TJSE20344
TJSE20295	LC	M81714/23-1D015	TJSE20245
TJSE20395	WC	M81714/23-1D015	TJSE20345
TJSE20296	LC	M81714/23-1D016	TJSE20246
TJSE20396	WC	M81714/23-1D016	TJSE20346
TJG800100	Bracket	M81714/27-1	TJG100100
TJG116601	LC	M81714/27-D16	TJG116100
TJG116701	WC	M81714/27-D16	TJG116101
TJG120601	LC	M81714/27-D20	TJG120100
TJG120701	WC	M81714/27-D20	TJG120101
TJG122601	LC	M81714/27-D22	TJG122100
TJG122701	WC	M81714/27-D22	TJG122101

TJG122210	LC	M81714/27-D22HD	TJG122200
TJG122211	WC	M81714/27-D22HD	TJG122201
TJF116150	LC	M81714/28-D16	TJF116100
TJF116151	WC	M81714/28-D16	TJF116101
TJF120250	LC	M81714/28-D20	TJF120200
TJF120251	WC	M81714/28-D20	TJF120201
TJF122150	LC	M81714/28-D22	TJF122100
TJF122151	WC	M81714/28-D22	TJF122101
TJF122250	LC	M81714/28-D22HD	TJF122200
TJF122251	WC	M81714/28-D22HD	TJF122201
TJT800100	Bracket	M81714/29-1	TJT400100
TJT800200	Bracket	M81714/29-2	TJT400200
SJM812100	WC	M81714/60-12-01	SJM012100
SJM812101	LC	M81714/60-12-01	SJM012101
SJM812200	WC	M81714/60-12-02	SJM012200
SJM812201	LC	M81714/60-12-02	SJM012201
SJM812300	WC	M81714/60-12-03	SJM012300
SJM812301	LC	M81714/60-12-03	SJM012301
SJM816100	WC	M81714/60-16-01	SJM016100
SJM816101	LC	M81714/60-16-01	SJM016101
SJM816200	WC	M81714/60-16-02	SJM016200
SJM816201	LC	M81714/60-16-02	SJM016201
SJM816300	WC	M81714/60-16-03	SJM016300
SJM816301	LC	M81714/60-16-03	SJM016301
SJM820100	WC	M81714/60-20-01	SJM020100
SJM820101	LC	M81714/60-20-01	SJM020101
SJM820200	WC	M81714/60-20-02	SJM020200
SJM820201	LC	M81714/60-20-02	SJM020201
SJM820300	WC	M81714/60-20-03	SJM020300
SJM820301	LC	M81714/60-20-03	SJM020301
SJM820400	WC	M81714/60-20-04	SJM020400
SJM820401	LC	M81714/60-20-04	SJM020401
SJM820600	WC	M81714/60-20-06	SJM020600
SJM820601	LC	M81714/60-20-06	SJM020601
SJM822100	WC	M81714/60-22-01	SJM022100
SJM822101	LC	M81714/60-22-01	SJM022101
SJM822200	WC	M81714/60-22-02	SJM022200
SJM822201	LC	M81714/60-22-02	SJM022201
SJM822400	WC	M81714/60-22-04	SJM022400
SJM822401	LC	M81714/60-22-04	SJM022401
SJM822500	WC	M81714/60-22-05	SJM022500
SJM822501	LC	M81714/60-22-05	SJM022501
SJM822600	WC	M81714/60-22-06	SJM022600
SJM822601	LC	M81714/60-22-06	SJM022601
SJM822700	WC	M81714/60-22-10	SJM022700
SJM822701	LC	M81714/60-22-10	SJM022701
SJM800500	WC	M81714/61-0W	SJM000500
SJM800501	LC	M81714/61-0W	SJM000501
SJM800200	WC	M81714/61-0X	SJM000200
SJM800201	LC	M81714/61-0X	SJM000201
SJM800800	WC	M81714/61-0Y	SJM000800
SJM800801	LC	M81714/61-0Y	SJM000801
SJM800100	WC	M81714/61-0Z	SJM000100
SJM800101	LC	M81714/61-0Z	SJM000101
SJG812270	WC	M81714/63-12F	SJG012270
SJG812271	LC	M81714/63-12F	SJG012271
SJG816270	WC	M81714/63-16F	SJG016270
SJG816271	LC	M81714/63-16F	SJG016271
SJG816170	WC	M81714/63-16S	SJG016170
SJG816171	LC	M81714/63-16S	SJG016171
SJG820270	WC	M81714/63-20F	SJG020270
SJG820271	LC	M81714/63-20F	SJG020271
SJG820170	WC	M81714/63-20S	SJG020170

SJG820171	LC	M81714/63-20S	SJG020171
SJG822270	WC	M81714/63-22F	SJG022270
SJG822271	LC	M81714/63-22F	SJG022271
SJG822170	WC	M81714/63-22S	SJG022170
SJG822171	LC	M81714/63-22S	SJG022171
SJS816700	WC	M81714/65-16-1	SJS316700
SJS816600	LC	M81714/65-16-1	SJS316600
SJS816701	WC	M81714/65-16-2	SJS316701
SJS816601	LC	M81714/65-16-2	SJS316601
SJS820700	WC	M81714/65-20-1	SJS320700
SJS820600	LC	M81714/65-20-1	SJS320600
SJS820701	WC	M81714/65-20-2	SJS320701
SJS820601	LC	M81714/65-20-2	SJS320601
SJS822700	WC	M81714/65-22-1	SJS322700
SJS822600	LC	M81714/65-22-1	SJS322600
SJS822701	WC	M81714/65-22-2	SJS322701
SJS822601	LC	M81714/65-22-2	SJS322601
SJT802404	Track	M81714/67-02	SJT502404
SJT803404	Track	M81714/67-03	SJT503404
SJT804404	Track	M81714/67-04	SJT504404
SJT805404	Track	M81714/67-05	SJT505404
SJT806404	Track	M81714/67-06	SJT506404
SJT807404	Track	M81714/67-07	SJT507404
SJT808404	Track	M81714/67-08	SJT508404
SJT809404	Track	M81714/67-09	SJT509404
SJT810404	Track	M81714/67-10	SJT510404
SJT812404	Track	M81714/67-12	SJT512404
SJT813404	Track	M81714/67-13	SJT513404
SJT814404	Track	M81714/67-14	SJT514404
SJT815404	Track	M81714/67-15	SJT515404
SJT816404	Track	M81714/67-16	SJT516404
SJT818404	Track	M81714/67-18	SJT518404
SJT819404	Track	M81714/67-19	SJT519404
SJT820404	Track	M81714/67-20	SJT520404
SJT821404	Track	M81714/67-21	SJT521404
SJT825404	Track	M81714/67-25	SJT525404
SJT830404	Track	M81714/67-30	SJT530404
SJT832404	Track	M81714/67-32	SJT532404
SJT840404	Track	M81714/67-40	SJT540404