

SOLDERLESS WRAPPED CONNECTIONS
COMPONENTS (PIGTAIL) APPROVED FOR
SOLDERLESS WIRE WRAPPING

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| <p><u>1. GENERAL</u></p> <p>1.1 <u>Scope of Section</u></p> <p>1.11 This section covers the specific codes of Pigtail Components that are approved for solderless wrapped connecting.</p> <p>1.12 The requirements covered in this section shall be followed except as modified by applicable job specifications.</p> <p>1.13 Refer to Section 360 of this handbook for proper protection requirements of Pigtail Apparatus.</p> <p>1.2 <u>Wire Wrapping References</u></p> <p>1.21 For various tools, methods, requirements, etc., associated with wire wrapping, refer to the following sections of this handbook:</p> <p>Section 310, Methods and Requirements for Wire Wrapped Connections</p> <p>Section 311, Wire Wrapping Tools, Description and Use</p> <p>Section 312, Wire Wrapping at Specific Apparatus</p> <p>Section 314, Coded Apparatus Approved for Wire Wrapping</p> <p>Section 350, Disconnecting and Reconnecting Wire Wrapped Connections</p> <p><u>2. SOLDERLESS WRAPPED CONNECTIONS - (PIGTAIL) COMPONENTS</u></p> <p>2.1 <u>Components</u></p> <p>2.11 The table contained in this section lists the minimum number of turns requirement. All turns of a wrapped component terminal shall be applied on the same level. ←</p> | <p>2.12 Components shall be physically capable of withstanding the stresses produced by solderless wire wrapping.</p> <p>2.13 All codes of a type are approved for wire wrapping unless otherwise specified; e.g., if a 476 Type Diode is specified, then the 476A, B, etc., are also approved. However, if a 237A Resistance is specified, then the 237B, C, etc., are <u>not</u> approved unless also specified.</p> <p>2.14 Components with Pigtail leads terminating on non-coded, non-KS apparatus that does not appear in the 314 Sections of this handbook <u>does not require the application of solder unless specifically requested by the Operating Telephone Company Engineer or in the associated job specification.</u> ←</p> <p>2.15 Approved apparatus terminals for solderless wire wrapping Pigtail components are determined by matching the wire gauge of the axial lead (shown in the Table), with any of the wire gauges shown in Sections 314A-Z for the specific apparatus involved. ←</p> <p>2.16 The minimum number of turns requirement, as specified in the following table, shall be met before being considered a qualified solderless wrapped connection. All connections with a lesser amount of turns, shall be considered as non-approved and requires soldering.</p> <p>2.17 The spaces between the turns of a solderless wrapped component (Pigtail) lead may be .005 inch maximum. Two of these spaces may exceed .005 inch but shall not exceed .010 inch.</p> <p>2.18 It is not mandatory to solderless wrap the Pigtail Components listed in this section. They may be hand wrapped and soldered using the R-3567 Heat Dissipator. ←</p> |
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COMPONENTS	GAUGE OF LEADS	NO. OF TURNS	COMPONENTS	GAUGE OF LEADS	NO. OF TURNS
<u>CAPACITORS</u>			<u>LAMPS (NEON GLOW)</u>		
535, 542, 701, 702	20	4 1/2	KS-19554 L3	26	5 1/2
KS-19658 (Note 1)	20	4 1/2	<u>NETWORKS</u>		
KS-19774 L11	26	5 1/2	185A	22	4 1/2
KS-19774 L13	22	4 1/2	186	20	4 1/2
<u>DIODES</u>			<u>RESISTORS</u>		
446, 476	24	4 1/2	221A	20	4 1/2
456A, B, F	24	4 1/2	237A	22	4 1/2
457D, E, F, G, H, AA	24	4 1/2	254A, C, J	22	4 1/2
458A-J, AA	24	4 1/2	259	20	4 1/2
459B, C, D, E, F, G, H, J,	24	4 1/2	KS-13490 L1-L3	20	4 1/2
AA, AB, AC, AD, AE, AF, AG,			KS-14603 L3, L6	20	4 1/2
AH, AJ, BA, BB, BC, BD, BE,			KS-16311 L3	22	4 1/2
BF, BG, BH, BJ, CA, CB, CC,			KS-16312 L3	22	4 1/2
CD, CE, CF, CG, CH			KS-16645 L1-L3	22	4 1/2
521AA, AB, AC, AD, AE	24	4 1/2	KS-19150 L1-L3	20	4 1/2
533A, E, F, G, H, J, K, L	24	4 1/2	KS-20200	26	5 1/2
808A-J, AA-AJ	24	4 1/2	KS-20289 L6	20	4 1/2
BA-BJ, CA-CJ			KS-20616 L1	22	4 1/2
DA-DE, DH, DJ,			KS-21763	30	5 1/2
EA, EB			KS-20810 L1	20	4 1/2
813A-F, H	20	4 1/2	<u>THERMISTOR</u>		
AA-AJ, BA, BB			No. 8 Type	26	5 1/2
824B, D, F, G, H, J, AG,	24	4 1/2			
BA, BB					

NOTES:

1. Limited to lists having 20 gauge leads.

→ Indicates new or changed information.

Engineering Planning Manager
(Installation)

Reason for Reissue:

Revise Paragraph 2.11 and 2.14
Add Paragraph 2.15
Remove Fig. 1 and Reference
to Terminal Types