



P/N	PLATING OPTIONS	SINGLE WIRE	DOUBLE WIRE	MATERIAL	WIRE ATTACH	GRIP CODE	A	B	ØC1	C2	ØD1	D2	E1	F1	J	K	CABLE SEAL	YES	
																			2
54001877					2	CRIMP	18	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	YES	
54001447					2	CRIMP	14	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	YES	
54001027					2	CRIMP	10	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	YES	
54001020		12(3.810)	10(4.089)	12(3.301)	12(NA)													NO	
54002230					1	CRIMP	22	AUS	3.1	3.6	1.00	2.2	1.40	2.7	3.0	2.9		NO	
54001818		18(2.540), 20(2.413)	18(2.134), 20(1.930)	18(NA), 20(NA)	18(NA), 20(NA)													NO	
54001441		14(3.175), 16(2.921)	14(2.789), 16(2.413)	14(NA), 16(NA)	16(3.429, 3.810)													NO	
54002229		22(1.750)				1	CRIMP	22	AUS	3.1	3.6	1.00	2.2	1.40	2.7	3.0	2.9	NO	
54001819		18(2.540), 20(2.413)	18(2.134), 20(1.930)	18(NA), 20(NA)		1	CRIMP	18	AUS	3.4	4.2	1.00	2.3	1.75	3.0	3.2	3.4	NO	
54002228		22(1.750)				1	CRIMP	22	AU	3.1	3.6	1.00	2.2	1.40	2.7	3.0	2.9	NO	
54001804		18(2.540), 20(2.413)	18(2.134), 20(1.930)	18(NA), 20(NA)		1	CRIMP	18	AU	3.4	4.2	1.00	2.3	1.75	3.0	3.2	3.4	NO	
54001401		14(3.175), 16(2.921)	14(2.789), 16(2.413)	14(NA), 16(NA)	16(3.429, 3.810)													NO	
54001301						2	CRIMP	13	4.4	6.3	1.00	3.1	1.75	4.3	3.7	5.1	1.40	1.00	NO
54001001		12(3.810)	10(4.089)	12(3.301)	12(NA)													NO	
54001801		18(2.540), 20(2.413)	18(2.134), 20(1.930)	18(NA), 20(NA)		2	CRIMP	18	3.4	4.2	1.00	2.3	1.75	3.0	3.2	3.4		NO	
54001401		14(3.175), 16(2.921)	14(2.789), 16(2.413)	14(NA), 16(NA)	16(3.429, 3.810)													NO	
54001301						2	CRIMP	13	4.4	6.3	1.00	3.1	1.75	4.3	3.7	5.1	1.40	1.00	NO
54001001		12(3.810)	10(4.089)	12(3.301)	12(NA)													NO	

**PRECIOUS PLATING NOTES FOR ALL OPTIONS**

MATERIAL PER ITEM 1 TO BE POST PLATED AT THE LOCATIONS INDICATED BY FOLLOWING INSTRUCTIONS:

- PLATE WITH SULFAMATE DUCTILE NICKEL IN SPECIFIED AREA 0.00127 TO 0.00254MM THICK PER ASTM B689-90 TYPE 2
- TIN PLATE PER ASTM B-545-83 0.00254/.00762 THICK ELECTRO MATTE TIN
- REDUCED NICKEL THICKNESS 0.00127 TO 0.00127 IN SPECIFIED AREA
- NICKEL FLASH 0.000127 MAX IN SPECIFIED AREA
- PARTS TO BE SHIPPED TO THE PLATER ON REELS IN STRIP FORM.
- TIN PLATE NOT TO OVERLAP PRECIOUS METAL
- TIN AND NICKEL OVERLAP IS NECESSARY TO AVOID EXPOSURE OF BARE METAL

**NOTES:**

- (A) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION(S)
- ALL DOUBLE WIRE APPLICATIONS ARE TERMINATED SIDE BY SIDE
- TERMINAL SYMMETRICAL ABOUT CENTERLINE AND CAN BE INSERTED 180°
- QUALITY ASSURANCE REQUIREMENTS: 2
- WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
- (G) DEFOTES GAGE REQUIREMENTS FOR USHS AND MANUFACTURER.

ITEM #1 MATERIAL THICKNESS: 0.414±0.008 CI4530 H06 BARE

ITEM #2 MATERIAL THICKNESS: 0.414±0.008 CI4530 H06 PRE-TIN HOT TIN DIP PLATE 0.00051-0.0025mm THICK.

TERMINALS MEET OR EXCEED ALL TESTING PER PF-9600 WITH THE FOLLOWING EXCEPTION: PARAGRAPH #5.22 SIDE LOAD TEST TERMINAL ORIGINALLY PPAP TESTED TO AND PASSED ALL REQUIREMENTS OF PF-152

CRIMP 12GA INSULATION GRIP TO THE FOLLOWING SPECIFICATION (MS 8288 WIRE ONLY): FAILURE TO DO SO MAY RESULT IN TORN GROMMETS. INSULATION CRIMP WIDTH 4.15±0.10 INSULATION CRIMP HEIGHT 3.45±0.05

CONTACT FCI PRODUCT EVALUATION LAB FOR CRIMP SPECIFICATION MANUAL TITLED 2.80 APEX TERMINAL CRIMP GUIDELINES. TERMINALS MUST BE CRIMPED TO THIS STANDARD

SEE WPE0013 FOR BALLOONING PROCEDURE

SEE FCI DRAWING C15005-MFG FOR SERRATION OPTION (REFERENCE)

10560 NS ADDED NICKEL FLASH PLATING SPECIFICATIONS  
ADDED REDUCED NICKEL THICKNESS SPECIFICATIONS

10406 B33 DESIGNER TWO NEW PARTS FOR DIRECT CONNECT PD PLATING OPTION  
G53 DESIGNER NICKEL AND UNDER PLATING FOR DIRECT CONNECT PD PLATING OPTION  
G55 DESIGNER NEW PART FOR SHORTER LENGTH FOR DIRECT CONNECT PD PLATING OPTION

10329 NS TIN & NICKEL OVERLAP ZONES ADD TO THE DRAWING

10310 R5 PALLADIUM THICKNESS FOR P/N ITP-8111-SS41 CHANGED TO 0.000518  
ALL REDRAWN IN PROVE ON NEW FCI TITLE BLOCK, SEE REV. "X" FOR PREVIOUS CHANGES.

THIS DRAWING REPLACES FCI DRAWING C15014 AND CHRYLSEER DRAWING 04707229

SEE WPE0013 FOR BALLOONING PROCEDURE

SEE FCI DRAWING C15005-MFG FOR SERRATION OPTION (REFERENCE)

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