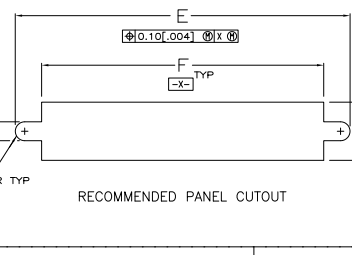


**MATERIAL**  
 CONTACTS: PHOSPHOR BRONZE  
 HOUSING & PIN SPACER: UL 94V-0 RATED, THERMOPLASTIC, BLACK  
 BRACKET: ZINC  
 SHELL: CARBON STEEL  
 BOARDLOCKS: COPPER ALLOY.

**FINISH**  
 CONTACTS: EITHER 0.76µm [0.00030] MIN GOLD PLATE FOR A LENGTH OF 0.64 [0.025] MAX, 0.13 [0.005] MIN FROM MATING END OR GOLD FLASH OVER  
 PALLADIUM NICKEL PLATE, 0.76µm [0.00030] MIN TOTAL FOR A LENGTH OF 0.64 [0.025] MAX, 0.13 [0.005] MIN FROM MATING END, 3.81µm [0.00150] MIN  
 TIN-LEAD FOR A LENGTH OF 2.72 [0.107] MIN FROM OPPOSITE END, ALL OVER 1.27µm [0.00050] MIN NICKEL UNDERPLATE.  
 SHELL: 5.08µm [0.000200] MIN NICKEL OVER 1.27µm [0.000050] MIN COPPER.  
 BRACKET 2.54µm [0.00100] MIN NICKEL OVER 5.08µm [0.000200] COPPER.

**RECOMMENDED PARTS:**  
 5.08µm [0.000200] MIN TIN-LEAD OVER 1.27µm [0.000050] MIN NICKEL.  
 3.00µm [0.000118] MIN TIN OVER 1.27µm [0.000050] MIN NICKEL.  
 OBSOLETE PARTS: OBSOLETE GIS STREAMLINING PER D.RENAUD/0.SINISI



TUBE	TRAY	PACKAGING	BOARDLOCK FINISH	PC BOARD PATTERN	L	G	F	E	D	B	A	NO OF POSN	PART NUMBER
78.23 [3.080]	0.64 [0.025]	74.55 [2.935]	80.67 [3.176]	84.20 [3.315]	66.45 [2.616]	78.23 [3.080]	100	1-787082-8					
57.91 [2.280]	0.64 [0.025]	54.23 [2.135]	60.35 [2.376]	63.88 [2.515]	48.13 [1.895]	57.91 [2.280]	68	1-787082-7					
46.48 [1.830]	1.27 [0.050]	42.80 [1.685]	48.92 [1.926]	52.45 [2.065]	34.70 [1.366]	46.48 [1.830]	50	787082-6					
46.48 [1.830]	1.27 [0.050]	42.80 [1.685]	48.92 [1.926]	52.45 [2.065]	34.70 [1.366]	46.48 [1.830]	50	1-787082-5					
78.23 [3.080]	0.64 [0.025]	74.55 [2.935]	80.67 [3.176]	84.20 [3.315]	66.45 [2.616]	78.23 [3.080]	100	787082-9					
57.91 [2.280]	0.64 [0.025]	54.23 [2.135]	60.35 [2.376]	63.88 [2.515]	48.13 [1.895]	57.91 [2.280]	68	787082-7					
46.48 [1.830]	1.27 [0.050]	42.80 [1.685]	48.92 [1.926]	52.45 [2.065]	34.70 [1.366]	46.48 [1.830]	50	787082-5					
32.51 [1.280]	0.64 [0.025]	28.83 [1.135]	34.95 [1.376]	38.48 [1.515]	20.73 [0.816]	32.51 [1.280]	28	787082-3					
31.24 [1.230]	1.27 [0.050]	27.56 [1.085]	33.68 [1.326]	37.21 [1.465]	19.46 [0.766]	31.24 [1.230]	26	787082-2					

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 12-13-11

REVISIONS: 108-1228

PROJECT: 114-40029

DATE: 11-14-11

SIZE: 4.1

TE Connectivity

RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, 500 SERIES, AMP/MLTIE

00779@787082