



- PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON PLUG ASSEMBLY FOR PARTS TO MATE.
- ▲ POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED, BLACK.
 - ▲ 3.81µm [.000150] MIN TIN-LEAD OVER 2.54µm [.000100] MIN COPPER.
 - ▲ 1.27µm [.000050] MIN GOLD ON MATING SURFACE FOR A LENGTH OF 2.54 [.100] MIN.
 - ▲ 3.81µm [.000150] MIN TIN-LEAD ON OPPOSITE END FOR A LENGTH OF 3.81 [.150] MIN, BOTH OVER 1.27µm [.000050] MIN NICKEL ON ENTIRE CONTACT.
 - ▲ 3.81µm [.000150] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
 - ▲ 1.27µm [.000050] MIN GOLD ON MATING SURFACE FOR A LENGTH OF 2.54 [.100] MIN, 3.81µm [.000150] MIN TIN ON OPPOSITE END FOR A LENGTH OF 3.81 [.150] MIN, BOTH OVER 1.27µm [.000050] MIN NICKEL ON ENTIRE CONTACT.

OBSOLETE	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	E	6-520459-2
OBSOLETE	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	F	6-520459-1
	▲	▲	42.57 [1.676]	31.24 [1.230]	41.91 [1.650]	26.67 [1.050]	31.98 [1.259]	36.83 [1.450]	43.18 [1.700]	16	E	5-520459-6
	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	E	5-520459-3
	▲	▲	29.87 [1.176]	18.54 [.730]	29.21 [1.150]	13.97 [.550]	19.28 [.759]	24.13 [.950]	30.48 [1.200]	6	E	5-520459-2
	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	E	5-520459-1
	▲	▲	42.57 [1.676]	31.24 [1.230]	41.91 [1.650]	26.67 [1.050]	31.98 [1.259]	36.83 [1.450]	43.18 [1.700]	16	D	4-520459-6
OBSOLETE	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	D	4-520459-3
OBSOLETE	▲	▲	29.87 [1.176]	18.54 [.730]	29.21 [1.150]	13.97 [.550]	19.28 [.759]	24.13 [.950]	30.48 [1.200]	6	D	4-520459-2
	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	D	4-520459-1
OBSOLETE	▲	▲	42.57 [1.676]	31.24 [1.230]	41.91 [1.650]	26.67 [1.050]	31.98 [1.259]	36.83 [1.450]	43.18 [1.700]	16	C	3-520459-6
	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	C	3-520459-3
OBSOLETE	▲	▲	29.87 [1.176]	18.54 [.730]	29.21 [1.150]	13.97 [.550]	19.28 [.759]	24.13 [.950]	30.48 [1.200]	6	C	3-520459-2
OBSOLETE	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	C	3-520459-1
OBSOLETE	▲	▲	42.57 [1.676]	31.24 [1.230]	41.91 [1.650]	26.67 [1.050]	31.98 [1.259]	36.83 [1.450]	43.18 [1.700]	16	B	2-520459-6
OBSOLETE	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	B	2-520459-3
OBSOLETE	▲	▲	29.87 [1.176]	18.54 [.730]	29.21 [1.150]	13.97 [.550]	19.28 [.759]	24.13 [.950]	30.48 [1.200]	6	B	2-520459-2
OBSOLETE	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	B	2-520459-1
	▲	▲	42.57 [1.676]	31.24 [1.230]	41.91 [1.650]	26.67 [1.050]	31.98 [1.259]	36.83 [1.450]	43.18 [1.700]	16	A	1-520459-6
	▲	▲	32.41 [1.276]	21.08 [.830]	31.75 [1.250]	16.51 [.650]	21.82 [.859]	26.67 [1.050]	33.02 [1.300]	8	A	1-520459-3
	▲	▲	29.87 [1.176]	18.54 [.730]	29.21 [1.150]	13.97 [.550]	19.28 [.759]	24.13 [.950]	30.48 [1.200]	6	A	1-520459-2
	▲	▲	27.33 [1.076]	16.00 [.630]	26.67 [1.050]	11.43 [.450]	16.74 [.659]	21.59 [.850]	27.94 [1.100]	4	A	1-520459-1
CONTACT FINISH	SHIELD FINISH	G	F	E	D	C	B	A	NO OF POSN	KEY I. D. LETTER	PART NO	

THIS DRAWING IS A CONTROLLED DOCUMENT.

APPROVED BY: [Signature]	DATE: 11-20-81	REV: 1
DESIGNED BY: [Signature]	DATE: 11-20-81	REV: 1
CHECKED BY: [Signature]	DATE: 11-20-81	REV: 1
ENGINEER: [Signature]	DATE: 11-20-81	REV: 1
DRAWN BY: [Signature]	DATE: 11-20-81	REV: 1
SCALE: 4:1	SHEET: 1	REV: 1

RECEPTACLE ASSEMBLY, SIDE ENTRY WITH GROUND, SDL

CUSTOMER DRAWING