



EXPLODED VIEW OF ASSEMBLED KIT

- 1 MATERIAL
INSERT: PBT, BLACK, UL94V-0 RATED
CONTACT & JACKSCREWS: BRASS
SHELLS & SHIELD: STEEL
ENCLOSURE: PVC, BLACK
- 2 FINISH
CONTACT: GOLD PLATING 0.02 μ m[.000008] MIN ON CONTACT AREA/2.3 μ m[.000090] MIN TIN-LEAD PLATING ON SOLDER AREA. ALL OVER 1.27 μ m[.000050] MIN NICKEL.
SHELL: 2.4 μ m[.000095] MIN TIN
SHIELD: 2.0-3.0 μ m[.000080-.000120] TIN
- 3. SPECIFICATION
ELECTRICAL CHARACTERISTICS:
CURRENT RATING: 3 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V R.M.S.
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 4. PLUG CONNECTOR FULLY LOADED WITH CONTACTS.
ALL OTHER PARTS ARE SHIPPED UNASSEMBLED, EACH PART INDIVIDUALLY BULK PACKED.
- 5. SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 6 FINISH
CONTACT: GOLD PLATING 0.02 μ m[.000008] MIN ON CONTACT AREA/2.3 μ m[.000090] MIN HOT DIPPED TIN-COPPER PLATING ON SOLDER AREA. ALL OVER 1.27 μ m[.000050] MIN NICKEL.
SHELL: 2.4 μ m[.000095] MIN BRIGHT TIN.
SHIELD: 2.0-3.0 μ m[.000080-.000120] TIN.
- 8 ROHS 2002/95/EC COMPLIANT PART (SEE SHEET 2).
- 9 COMPANY LOGO IN APPROXIMATE AREA SHOWN.
- 10. ASSEMBLE PER 408-10443

8	6	10.8 [.425]	1571650-6
8	6	9.5 [.374]	1571650-5
8	6	7.2 [.283]	1571650-4
SUPERSEDED BY 1571650-6	2	10.8 [.425]	1571650-3
SUPERSEDED BY 1571650-5	2	9.5 [.374]	1571650-2
SUPERSEDED BY 1571650-4	2	7.2 [.283]	1571650-1
	FINISH	CABLE DIA L	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN M. BINNER 21NOV03	TE Connectivity	
DIMENSIONS: mm [INCHES]		APVD	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0. PLC	±	108-40031		
1. PLC	± 0.3[.012]	APPLICATION SPEC		
2. PLC	±	SIZE		
3. PLC	±	CAGE CODE		
4. PLC	±	DRAWING NO		
ANGLES	±	RESTRICTED TO		
MATERIAL	FINISH	WEIGHT	A1 00779 1571650	
1	2 6	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 1 REV F