

NON-ROHS COMPLIANT VERSION

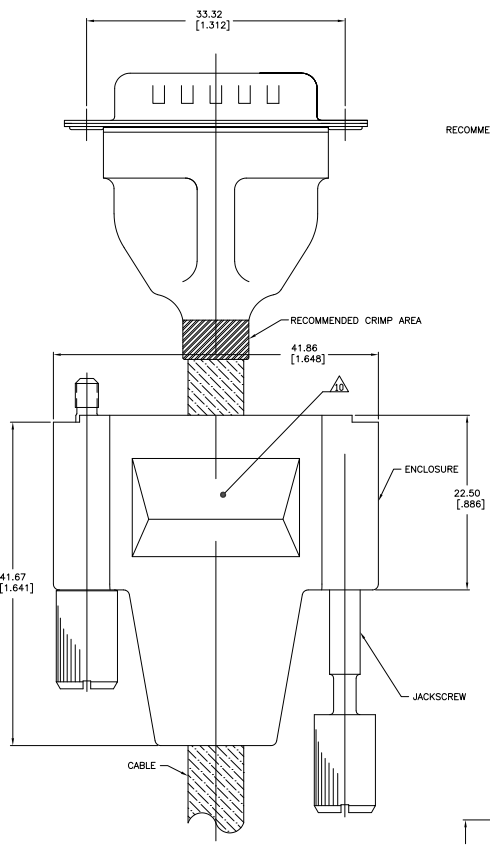
REV	DATE	DESCRIPTION	BY	CHK	APP
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E	2010-10-02				

NOTES:

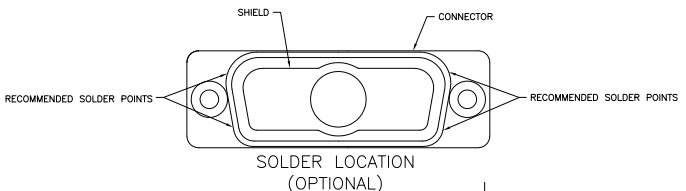
- △ MATERIAL INSERT: PBT, BLACK, UL94V-0 RATED CONTACT & JACKSCREWS: BRASS SHELLS & SHIELD: STEEL ENCLOSURE: PVC, BLACK
- △ FINISH: CONTACT: GOLD PLATING 0.02µm[.0000008] MIN. ON CONTACT AREA/2.3µm[.00009] MIN. TIN PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN. NICKEL. SHELL: 2.4µm[.000095] MIN. TIN SHIELD: 2.0-3.0µm[.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.
- △ FINISH: CONTACT: GOLD PLATING 0.02µm[.0000008] MIN. ON CONTACT AREA/2.3µm[.00009] MIN. TIN PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN. NICKEL. SHELL: 2.4µm[.000095] MIN. TIN SHIELD: 2.0-3.0µm[.000080-.000120] TIN.
- △ ROHS 2002/95/EC COMPLIANT PART (SEE SHEET 2)
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINIS.
- △ COMPANY LOGO IN APPROXIMATE AREA SHOWN.

ASSEMBLY INSTRUCTIONS

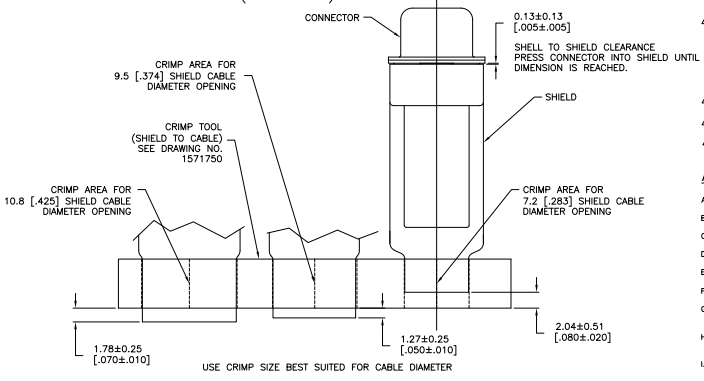
- A. USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
- B. PREPARE CABLE AS SHOWN.
- C. PLACE CABLE THROUGH SHIELD.
- D. SOLDER CONDUCTORS TO CONTACTS.
- E. PRESS SHIELD ONTO CONNECTOR AS SHOWN.
- F. SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
- G. METALLIC SHIELD SURFACES AND INTERIOR ENCLOSURE SURFACE MUST BE CLEAN AND DRY PER 3M REQUIREMENTS.
- H. CUT TWO PIECES OF 3M/SCOTCH VHB 4926, DOUBLE COATED ADHESIVE TAPE 6 TO 8mm WIDE BY 19 TO 21mm LONG.
- I. APPLY TAPE TO METALLIC SHIELD SURFACE, LENGTHWISE, ADJACENT TO CONNECTOR FLANGE.
- J. REMOVE ADHESIVE BACKING FROM TAPE AND PUSH ENCLOSURE OVER METALLIC SHIELD.
- K. BOND STRENGTH IS DEPENDANT ON THE AMOUNT OF SURFACE CONTACT DEVELOPED. A FIRM APPLICATION DEVELOPS A BETTER BOND. ULTIMATE SURFACE CONTACT CAN BE ACCOMPLISHED BY CLAMPING ENCLOSURE TO THE SHIELD. CARE SHOULD BE TAKEN NOT TO MAR THE POLYMER SURFACE. SHIMS MAY BE REQUIRED TO EVENLY DISTRIBUTE THE CLAMPING FORCE ACROSS THE POLYMER.
- L. ULTIMATE BOND STRENGTH IS DEVELOPED AFTER 72 HOURS, BUT MAY BE ACCELERATED BY EXPOSURE TO 60°C FOR 1 HOUR, IF THE CLAMPS ARE COMPATIBLE WITH THIS TEMPERATURE.
- M. INSERT JACK SCREWS.



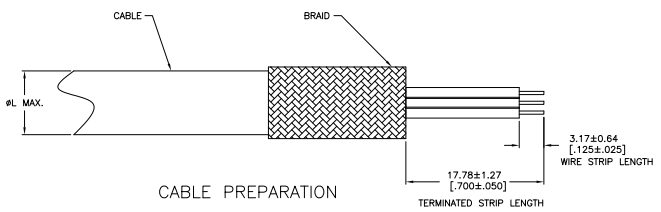
EXPLODED VIEW OF ASSEMBLED KIT



SOLDER LOCATION (OPTIONAL)



SHIELD TO CABLE CRIMP



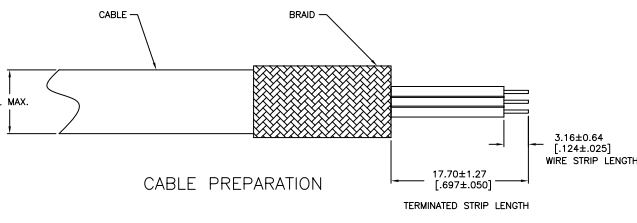
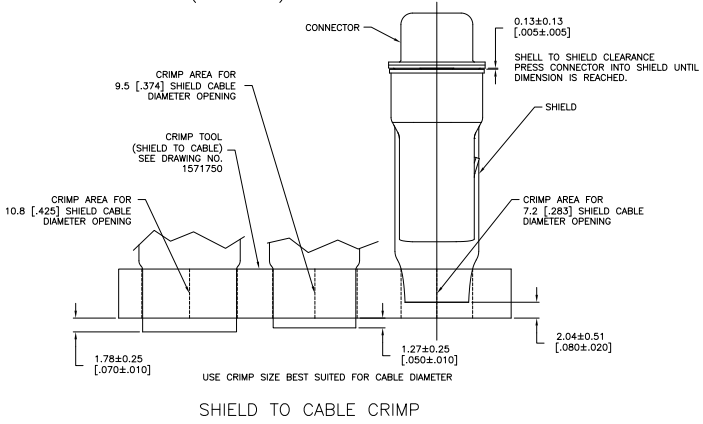
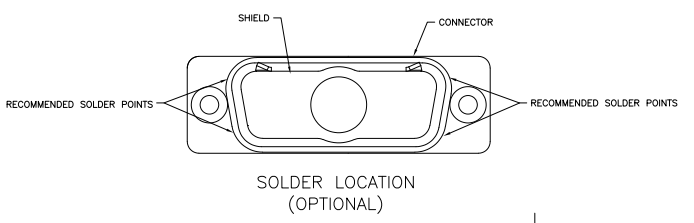
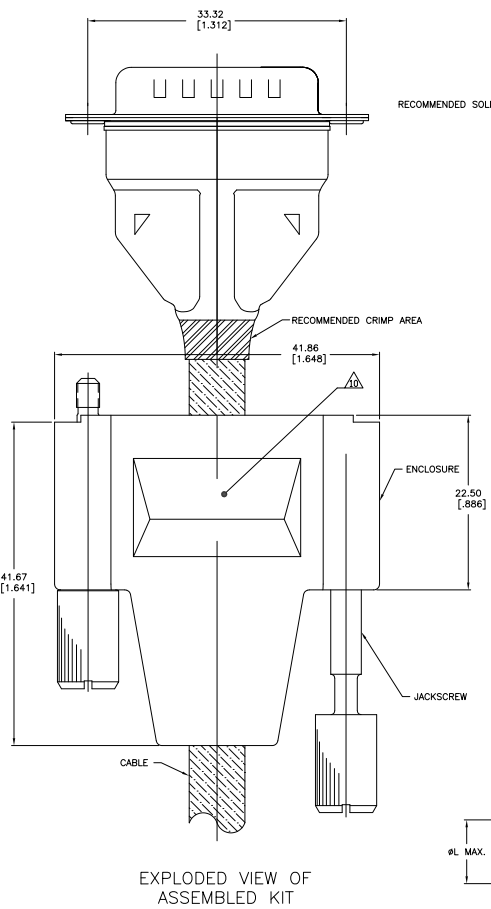
CABLE PREPARATION

△	OBsolete	△	10.8 [425]	1571651-6
△	OBsolete	△	9.5 [374]	1571651-5
△	OBsolete	△	7.2 [283]	1571651-4
△	SUPERSEDED BY 1571651-6	△	10.8 [425]	1571651-3
△	SUPERSEDED BY 1571651-5	△	9.5 [374]	1571651-2
△	SUPERSEDED BY 1571651-4	△	7.2 [283]	1571651-1

DESCRIPTION	QUANTITY	UNIT	REVISION	DATE	BY	CHK	APP
108-40031	1	PCB					
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CUSTOMER DRAWING							

ROHS 2002/95/EC COMPLIANT VERSION

REV	DATE	DESCRIPTION	BY	APP'D
GP 00		SEE SHEET 1		



ASSEMBLY INSTRUCTIONS

- USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
- PREPARE CABLE AS SHOWN.
- PLACE CABLE THROUGH SHIELD.
- SOLDER CONDUCTORS TO CONTACTS.
- PRESS SHIELD ONTO CONNECTOR AS SHOWN.
- SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
- CRIMP SHIELD TO CABLE AS SHOWN IN CRIMP DETAIL.
- PRESS ENCLOSURE OVER SHIELD UNTIL CONNECTOR FLANGE IS FLUSH WITH ENCLOSURE EDGE.
- INSERT JACKSCREWS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	DATE	DESCRIPTION	BY	APP'D
INCHES	MILLIMETERS	1				
1" = 25.4mm	1" = 25.4mm					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		THIS DRAWING IS A CONTROLLED DOCUMENT.				
FRACTIONS	DECIMALS	TYS ELECTRONICS CORPORATION				
±.0005	±.0005	108-40031				
±.001	±.001	SOLDER CUP SHIELDING ENCLOSURE				
±.002	±.002	15 POSITION, SIZE 2				
±.005	±.005	A100779				
±.010	±.010	1571651				
±.015	±.015	CUSTOMER DRAWING				
±.030	±.030	REV 2				
±.060	±.060	PAGE 2				
±.125	±.125	OF 2				