

NON ROHS COMPLIANT VERSION

REV	DATE	DESCRIPTION	BY	CHK	APP
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E1		REVISED PER EDD-11-004835			

NOTES:

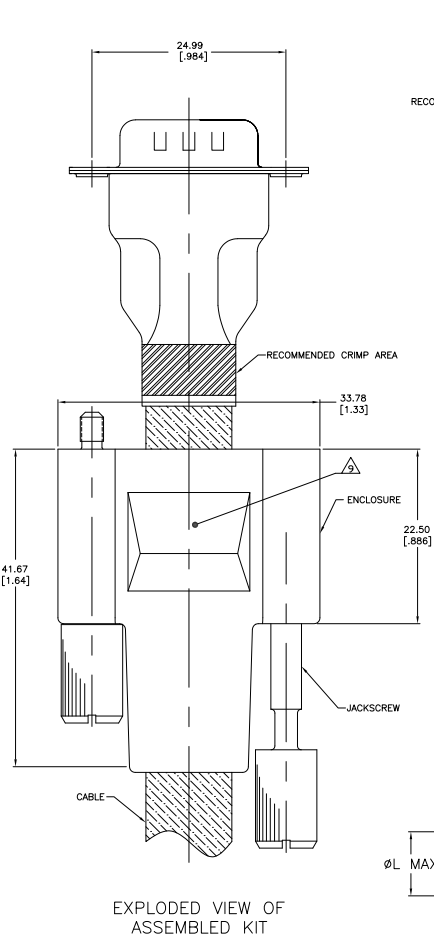
- △ MATERIAL
 INSERT: PBT, BLACK, UL94V-0 RATED
 CONTACT & JACKSCREWS: BRASS
 SHELLS & SHIELD: STEEL
 ENCLOSURE: PVC, BLACK
- △ FINISH
 CONTACT: GOLD PLATING 0.02µm[.000008] MIN ON CONTACT AREA/2.3µm[.000090] MIN TIN-LEAD PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN NICKEL.
 SHELL: 2.4µm[.000095] MIN TIN
 SHIELD: 2.0-3.0µm[.000080-.00120] 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[.000008] MIN ON CONTACT AREA/2.3µm[.000090] 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-.00120] TIN
- △ ROHS 2002/95/EC COMPLIANT PART (SEE SHEET 2).
- △ COMPANY LOGO IN APPROXIMATE AREA SHOWN.

ASSEMBLY INSTRUCTIONS

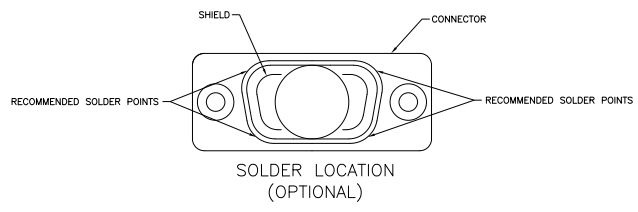
- A. USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
- B. PREPARE CABLE AS SHOWN.
- C. PLACE CABLE THROUGH SHIELD.
- D. SOLDER CONDUCTORS TO CONTACTS.
- E. PRESS SHIELD ONTO CONNECTOR AS SHOWN
- F. SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
- G. METALLIC SHIELD SURFACES AND 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 10 TO 18mm 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 66°C FOR 1 HOUR, IF THE CLAMPS ARE COMPATIBLE WITH THIS TEMPERATURE.
- M. INSERT JACKSCREWS.

△	△	10.8	1571650-6
△	△	9.5	1571650-5
△	△	[.374]	1571650-4
△	△	7.2	1571650-3
△	△	[.283]	1571650-2
△	△	10.8	1571650-1
△	△	[.425]	1571650-0
△	△	9.5	1571650-4
△	△	[.374]	1571650-3
△	△	7.2	1571650-2
△	△	[.283]	1571650-1

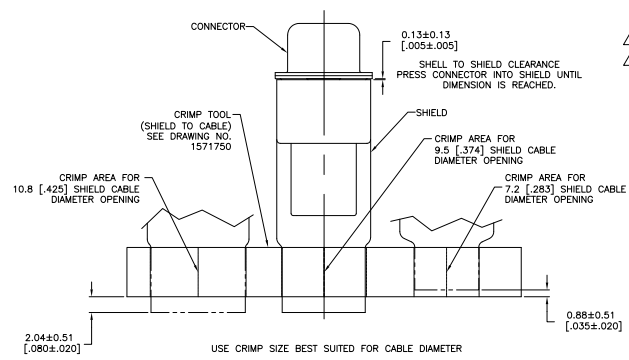
THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	REVISION	DATE
1	INITIALS	00		
2	DATE			
3	DESCRIPTION			
4	PROJECT			
5	PROJECT NO.			
6	PROJECT NAME			
7	PROJECT CODE			
8	PROJECT LOCATION			
9	PROJECT STATUS			
10	PROJECT TYPE			
11	PROJECT CODE			
12	PROJECT NAME			
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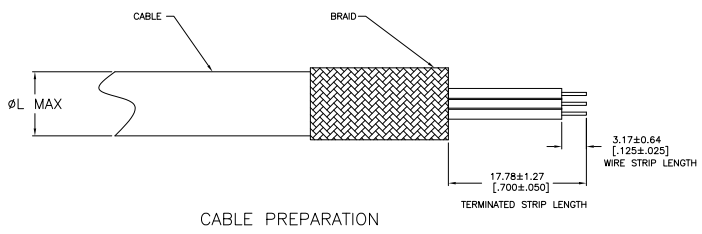
EXPLODED VIEW OF ASSEMBLED KIT



SOLDER LOCATION (OPTIONAL)

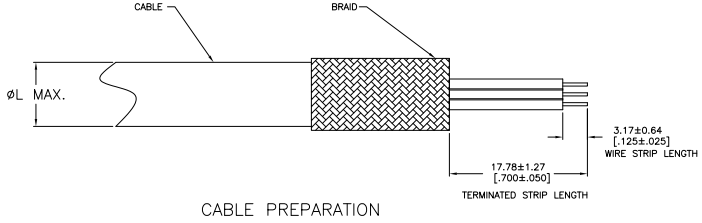
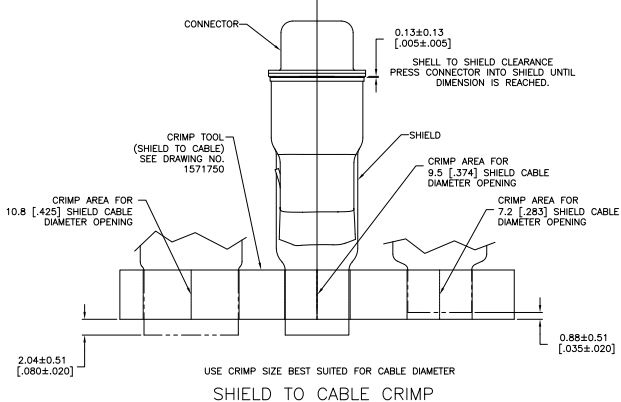
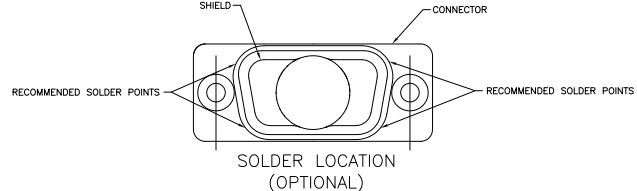
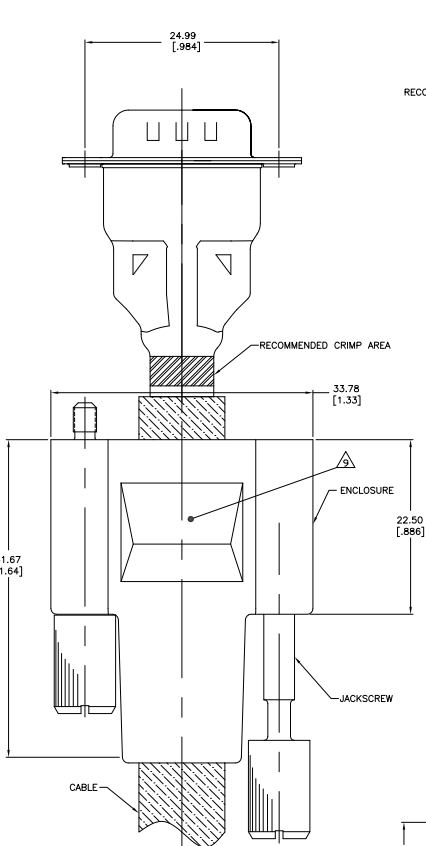


SHIELD TO CABLE CRIMP



CABLE PREPARATION

ROHS 2002/95/EC COMPLIANT VERSION



- 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. NUMBER	DATE	BY	CHK	APP
UNCONTROLLED LABEL:		TE Connectivity				
PROJECT NAME		BULK KIT, PLUG, AMPLITUDE				
PART NUMBER		108-40031				
DESCRIPTION		SOLDER CUP SHIELDING ENCLOSURE				
REV. NO.		9 POSITION, SIZE 1				
REV. DATE		A1 00779				
REV. DATE		G=1571650				
CUSTOMER DRAWING		REV. 4.1 SHEET 2 OF 2				