

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DNW
		A		NEW DRAWING	01AUG2013	KH MB
		C		ECR-19-013847	04SEP2019	SS JK

△ COUPLER DESIGNED TO MEET:  
ANSI/TIA/EIA-568-B.2, CATEGORY 5E  
IEC 60603-7, A8F, VARIANT 03  
FCC PART 68  
UL 1863

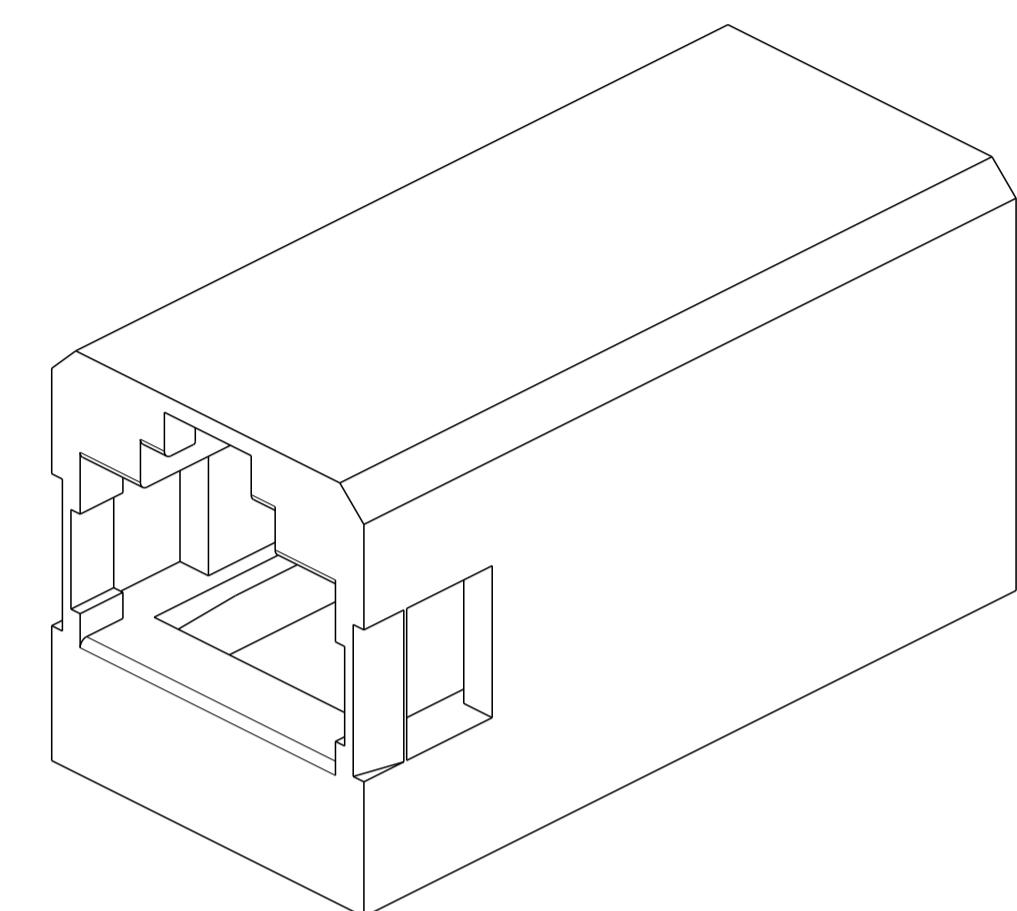
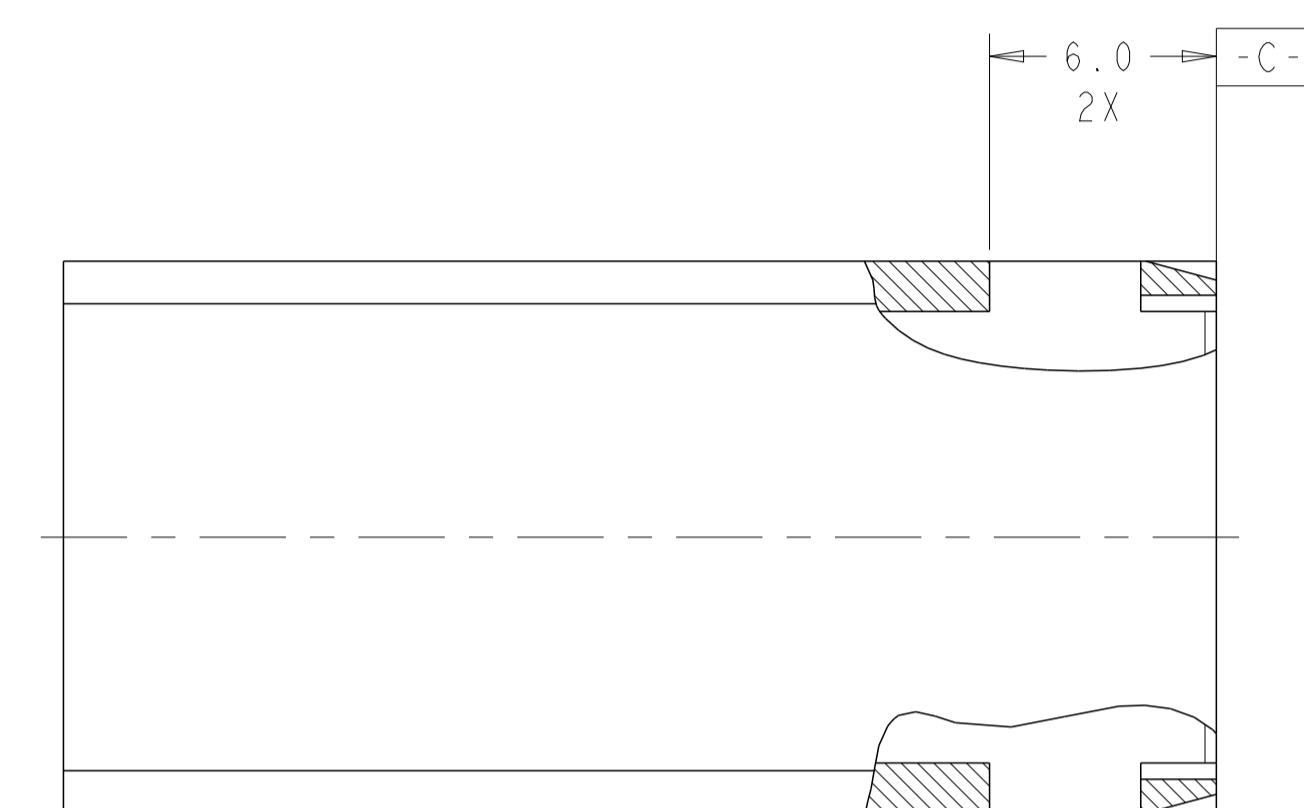
△ MATERIAL:  
JACK HOUSING:  
UL V-0 RATED AT 1.5mm THICKNESS, PC.  
UL RTI RATING TO BE 85°C FOR ELECTRICALS.  
AND MECHANICAL (WITHOUT IMPACT), COLOR BLACK.

CONTACTS:  
PHOSPHOR BRONZE, PLATED WITH 1.27  $\mu\text{m}$  MIN  
GOLD PER ASTM B488 TYPE 2 GRADE B OVER 2.54  $\mu\text{m}$  NICKEL PER QQ-N-290.  
CONTACT LIFE TO BE 750 INSERTIONS AND EXTRactions MINIMUM.

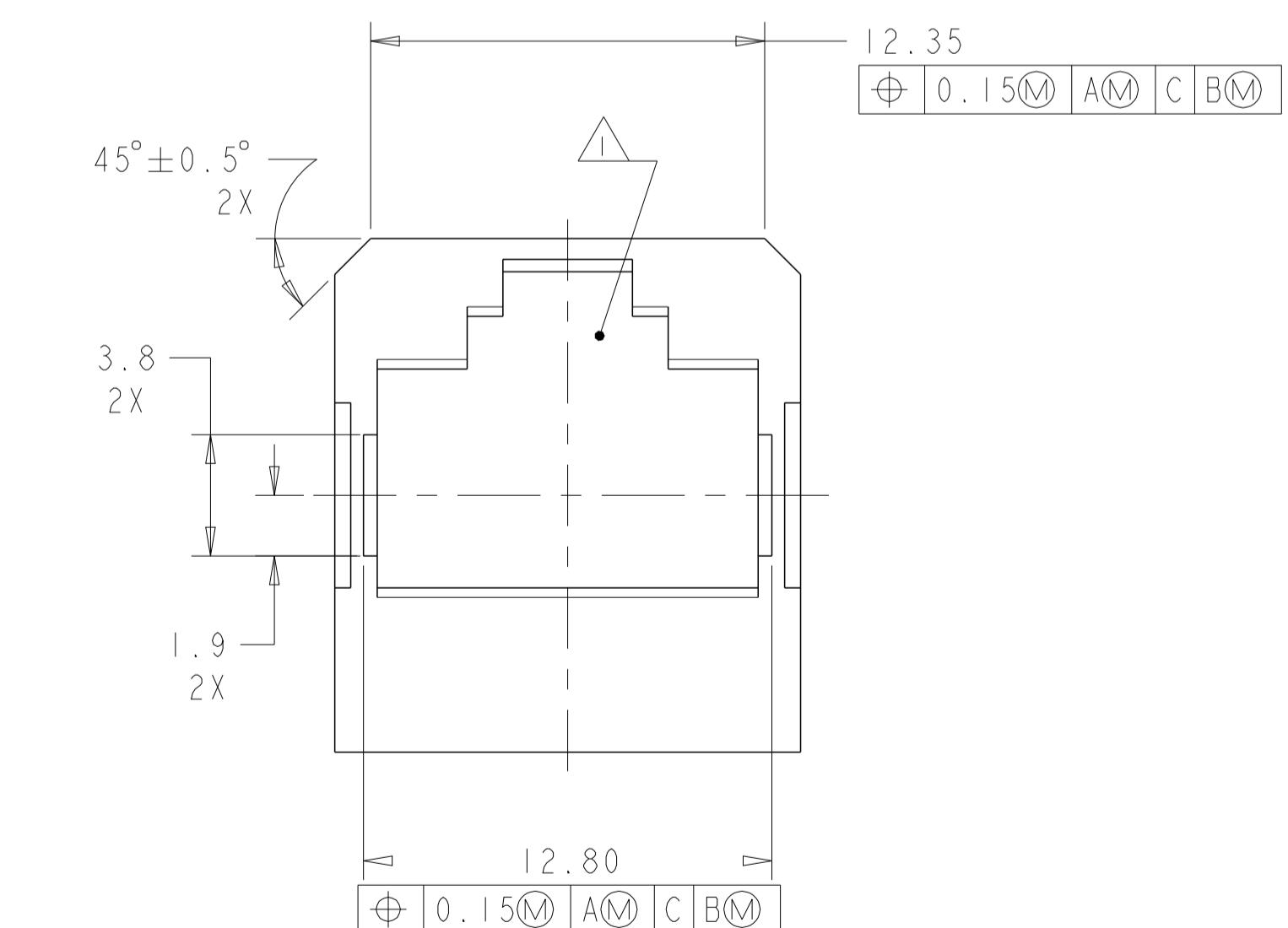
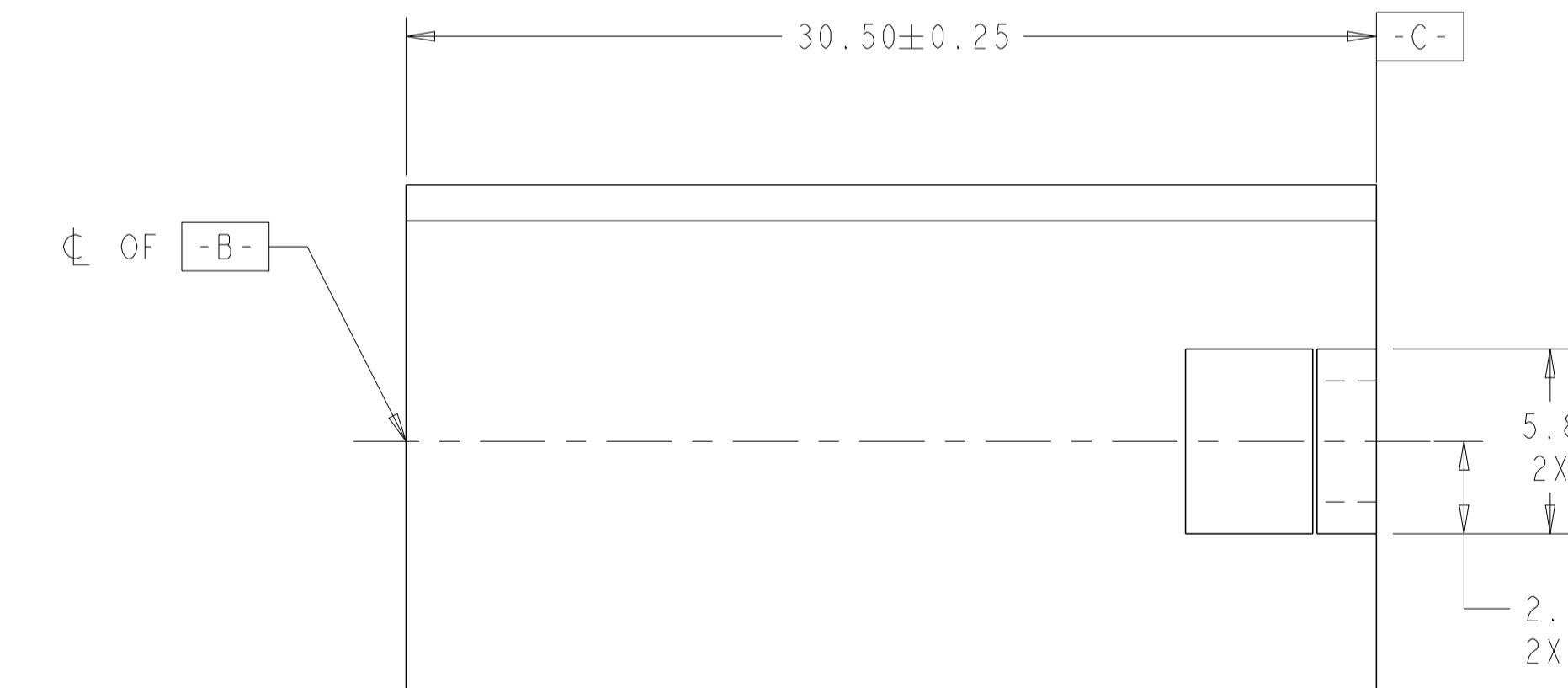
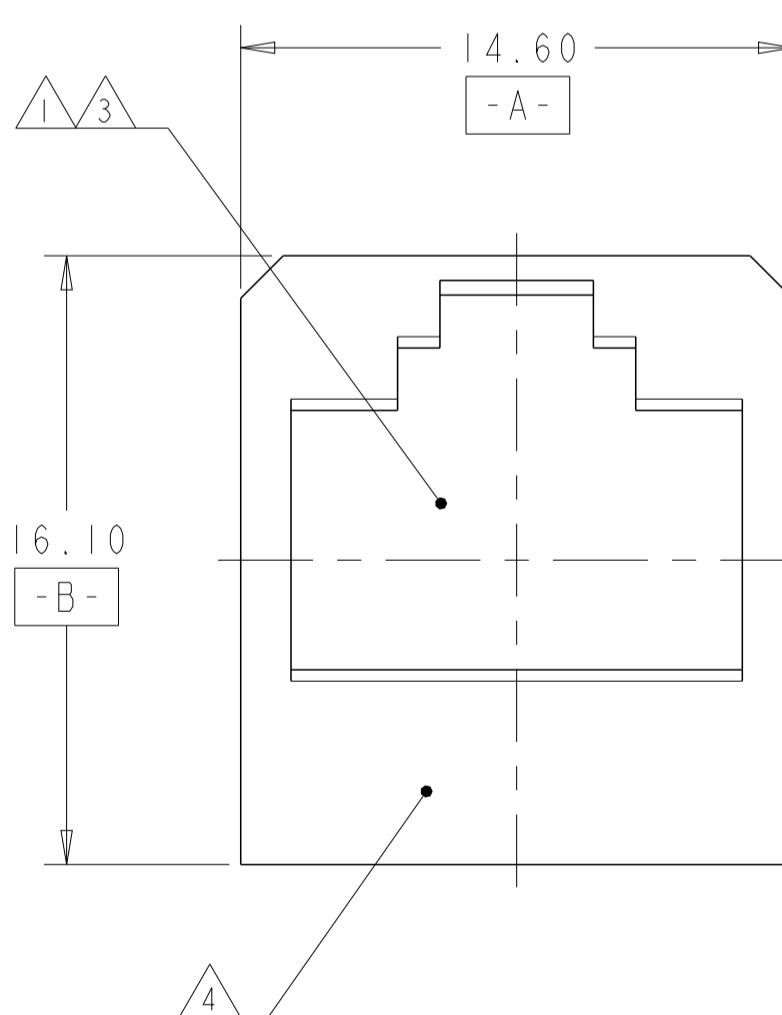
△ COUPLER CONTACTS ARE STRAIGHT PINNED TO THEIR RESPECTIVE CONTACTS  
PIN 1-1, 2-2, 3-3, ETCETERA.

△ TE LOGO IN LOCATION SHOWN  
RAISED 0.08 TO 0.015

5. COMPLIES WITH DIRECTIVE 2002/95/EC  
(ROHS - RESTRICTIONS ON THE USE OF CERTAIN HAZARDOUS SUBSTANCES)  
TO BE LEAD FREE.



SCALE 4:1



△	△	1738612-1
MATERIALS (JACK HOUSING)	REMARKS	PART NUMBER
△	△	1738612-1
△	△	TE Connectivity
△	△	COUPLER ASSEMBLY, MODULAR JACK, INDUSTRIAL CIRCULAR ETHERNET CONNECTOR
△	△	Customer Drawing

THIS DRAWING IS A CONTROLLED DOCUMENT.		DNW	01AUG2013
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC	±0.2
		1 PLC	±0.2
		2 PLC	±0.08
		3 PLC	±0.2
		4 PLC	±0.2
		ANGLES	±1°
MATERIAL SEE TABLE	FINISH		
		WEIGHT	-
		SIZE	CAGE CODE DRAWING NO.
		A1	00779 C=1738612
		RESTRICTED TO	-
		Customer Drawing	SCALE 5:1 SHEET 1 OF 1 REV C