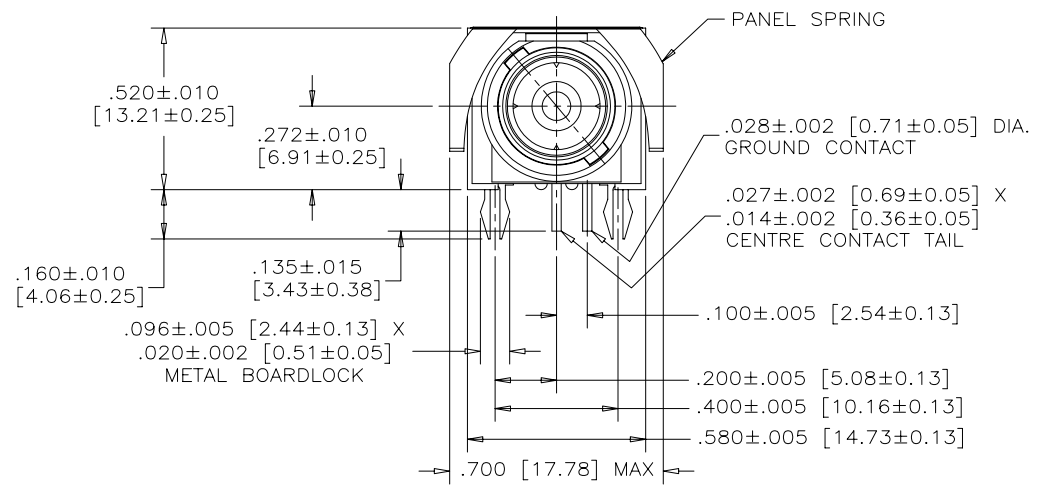
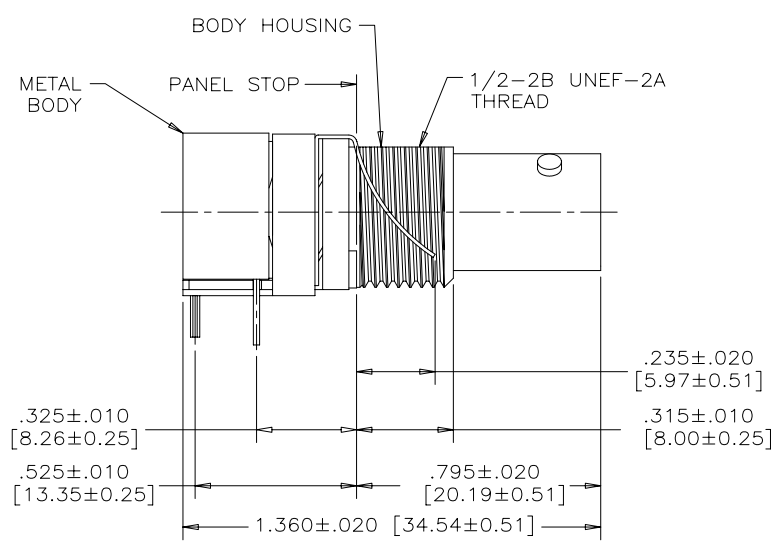


REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DRAWING (EAR 12825)	SEP15/05	K.L.



**MECHANICAL SPECIFICATION:**

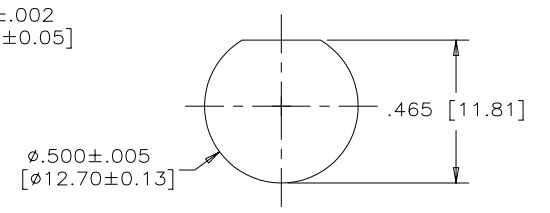
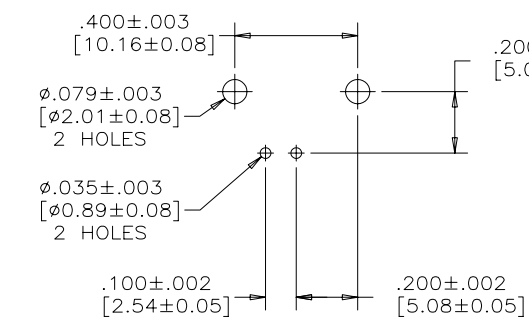
ALL MATERIALS ARE RoHS COMPLIANT

BODY HOUSING: THERMOPLASTIC POLYESTER

GROUNDING DEVICE: COPPER ALLOY, TIN PLATED

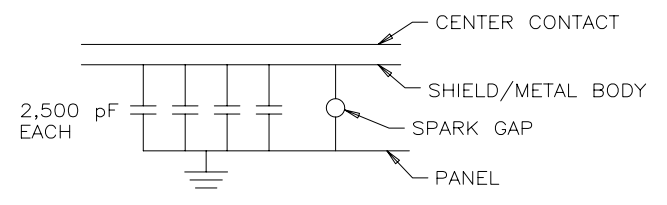
CENTRE CONTACT: PHOSPHOR BRONZE, 10 MICROINCHES [0.25 MICRONS] GOLD PLATED OVER NICKEL

METAL BODY: HIGH STRENGTH ZINC DIE-CAST NICKEL PLATED



**ELECTRICAL SPECIFICATION:**

CAPACITANCE	10000 pF ± 15%
DIELECTRIC WITHSTANDING VOLTAGE	1000 VDC BREAK BY SPARK GAP DEVICE
WORKING VOLTAGE	200 VDC
IMPEDANCE (SEE PART NUMBER)	50 OR 75 OHM NOMINAL
OPERATING TEMPERATURE	-20°C TO +85°C



AMPHENOL PART NO.	IMPEDANCE
456E-117S	50 OHM
456E-717S	75 OHM

NOTE: BOARDLOCKS ARE ELECTRICALLY CONNECTED TO THE BODY.

NOTE: HOUSING MATERIALS NOT RECOMMENDED FOR HIGH TEMP REFLOW SOLDERING.

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DRAWN K. LAMBIE	DATE SEP15/05
DESIGNED	
CHECKED	
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF. EAR 12825	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

**Amphenol Canada Corp.**

456E SERIES B.N.C. RIGHT ANGLE CAPACITIVELY DECOUPLED CONNECTOR (WITH SPARK GAP), RoHS COMPLIANT

DWG. C	DRAWING NO. P-456E-X17S	REV. A
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SCALE 3/1 WT. ----- SURF. ----- SHEET 1 OF 1