



**COMPUTER
CONVERSIONS
CORPORATION**

EAST NORTHPORT, N.Y. 11731
(516) 261-3300 • TWX 510-226-0448

**LOW PROFILE DIGITAL TO
SYNCHRO CONVERTER
DSL SERIES**

DESCRIPTION

The DSL series are a low profile, miniature, continuously updating digital to synchro or resolver converters designed for military and industrial control applications. These 2.6 x 3.1 x .6" H modules will accept 14, 12 or 10 Bits natural binary angle data and convert it into synchro or resolver data with up to 4 minutes accuracy. The transformer isolated outputs and hybrid power amplifiers will drive loads of up to 1.5 VA. Electrical specifications are identical to the DSC series found on Pg. 9 of this catalog. Single PC board construction and the minimum use of discrete components makes these units the most reliable modular digital to synchro converters presently available.

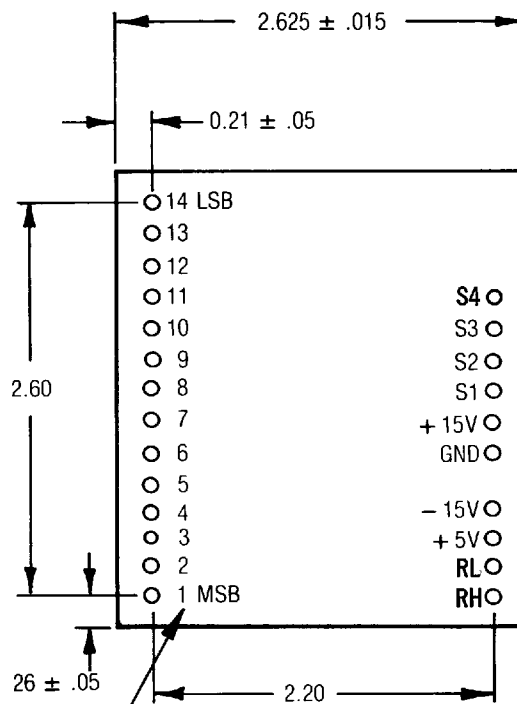
FEATURES

- * Low Profile - .6" H
- * Transformer Isolated
- * Output Short Circuit Protected
- * Fits industry standard pinout
- * Low Cost

TYPICAL UNITS

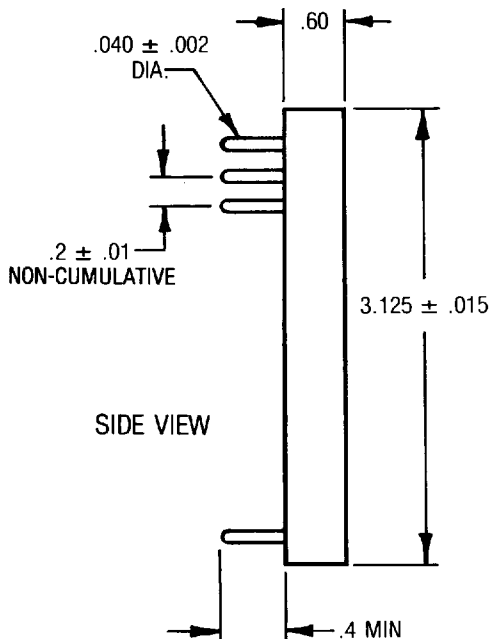
Part No. (1) (2) (3)	Resolution	Accuracy	Output	Load	Size
DSL40-LorH-1 or 2	14 Bits	± 4 Min.	11.8V or 90V 400 Hz	100 ohms L-L 5000 ohms L-L	2.6 x 3.1 x .6"H
DSL60-H-1 or 2	14 Bits	± 4 Min.	90V, 60Hz	4000 ohms L-L	2.6 x 3.1 x .6"H plus external transformer

- (1) 12 & 10 Bit Available (DSL412 or DSL410)
 (2) Mil std 883 Available
 (3) 0 to 70°C (-1)
 -55 to +105°C (-2)
 (4) 16 Bit Available (2.6" x 3.1" x .8" H) (DSL416)



BOTTOM VIEW

MARKINGS SHOWN ON BOTTOM VIEW FOR REFERENCE-
TERMINAL DESIGNATIONS ARE MARKED ON TOP, ABOVE
THE APPROPRIATE PIN.



SIDE VIEW

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