

# Conductive Elastomer Interfacial EMI Seals

## INTERFACIAL EMI SEALS

The main mating joint of environment-resistant MS connectors is normally provided with a rubber packing ring (MIL-C-26482) or washer (MIL-C-5015) to seal moisture from the pin area. CHO-SEAL gaskets are interchangeable with these packing/washers and provide EMI shielding in addition to sealing.



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## ORDERING PROCEDURE

Select the part number from Table 1. Table 2 provides general tolerances for interfacial EMI seals.

# Interfacial EMI Seals - Product Information

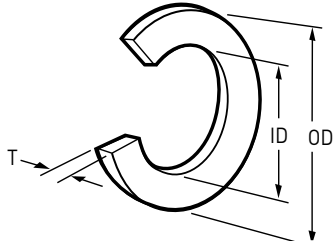


Table 2: Interfacial EMI Seals Tolerances

DIMENSIONS inches (mm)	TOLERANCES inches (mm)
ID, OD	
≤0.500 (12.70)	±0.005 (0.13)
0.501-1.500 (12.70-38.10)	±0.010 (0.25)
1.501-2.000 (38.10-50.80)	±0.015 (0.38)
Thickness (T)	
0.032 (0.81)	±0.005 (0.13)
0.045 (1.14)	±0.006 (0.15)
0.075 (1.91)	±0.007 (0.18)

Table 1: Interfacial EMI Seals

INTERFACIAL EMI SEALS					
Shell Size	Part Number*		Nominal Dimensions inches (mm)		
	MIL-C-26482	MIL-C-5015	ID	OD	T
8	30-02-2041-XXXXX		0.319 (8.10)	0.422 (11.23)	0.075 (1.91)
		30-02-2050-XXXXX	0.328 (8.33)	0.391 (9.93)	0.032 (0.81)
10	30-02-2042-XXXXX		0.447 (11.35)	0.550 (13.97)	0.075 (1.91)
10S SL		30-02-2051-XXXXX	0.406 (10.31)	0.469 (11.91)	0.032 (0.81)
12	30-02-2043-XXXXX		0.547 (13.89)	0.703 (17.86)	0.075 (1.91)
14	30-02-2044-XXXXX		0.671 (17.04)	0.828 (21.03)	0.075 (1.91)
14 14S		30-02-2053-XXXXX	0.641 (16.28)	0.703 (17.86)	0.032 (0.81)
16	30-02-2045-XXXXX		0.797 (20.24)	0.953 (24.21)	0.075 (1.91)
16 16S		30-02-2054-XXXXX	0.781 (19.84)	0.844 (21.44)	0.032 (0.81)
18	30-02-2046-XXXXX		0.891 (22.63)	1.047 (2.59)	0.075 (1.91)
		30-02-2055-XXXXX	0.891 (22.63)	0.953 (24.21)	0.032 (0.81)
20	30-02-2047-XXXXX		1.039 (26.39)	1.172 (29.77)	0.075 (1.91)
		30-02-2056-XXXXX	0.984 (24.99)	1.047 (26.59)	0.032 (0.81)
22	30-02-2048-XXXXX		1.141 (28.98)	1.297 (32.94)	0.075 (1.91)
		30-02-2057-XXXXX	1.109 (28.17)	1.172 (29.77)	0.032 (0.81)
24	30-02-2049-XXXXX		1.266 (32.16)	1.422 (36.12)	0.075 (1.91)
		30-02-2058-XXXXX	1.219 (30.96)	1.281 (32.54)	0.032 (0.81)
28		30-02-2059-XXXXX	1.455 (36.96)	1.547 (39.29)	0.045 (1.14)
32		30-02-2060-XXXXX	1.672 (42.47)	1.766 (44.86)	0.045 (1.14)
36		30-02-2061-XXXXX	1.891 (48.03)	1.984 (50.39)	0.045 (1.14)

\* -XXXXX designates material (1215, 1285, etc). Refer to Chomerics Conductive Elastomer EMI Gaskets Molded and Extruded Materials Selector Guide for details.

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