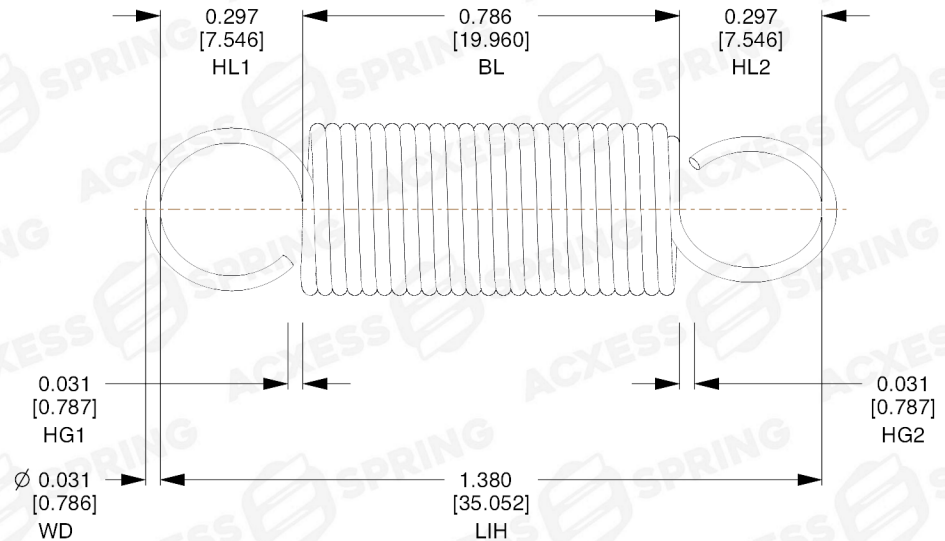
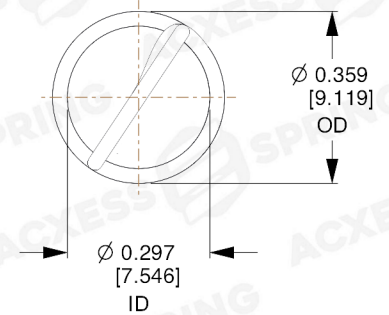


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE031-359-24355-MW-1380-CO-N-IN 🔗
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 10.581
Weight / M: 5.952 Lbs	Length of W: 27.751 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.031 in	[0.787 mm]	+/- 0.001
Outer Diameter (OD)	0.359 in	[9.119 mm]	+/- 0.008
Mean Diameter (MD)	0.328 in	[8.331 mm]	+/- 0.008
Inner Diameter (ID)	0.297 in	[7.544 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.380 in	[35.052 mm]	+/- 0.050
Body Length (BL)	0.786 in	[19.964 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.031 in	[0.787] mm	
Hook Gap 2 (HG2)	0.031 in	[0.787] mm	
Hook Length 1 (HL1)	0.297 in	[7.544] mm	
Hook Length 2 (HL2)	0.297 in	[7.544] mm	
Total Hook Length (THL)	0.594 in	[15.088] mm	

Spring Rate (K)	1.54377 lbs/in	0.270 N/mm	+/- 0.154
Max Load (ML)	3.893 lbf	17.316 N	+/- 0.389
Max Travel (MT)	2.268 in	57.600 mm	
Initial Tension (IT)	0.392 lbf	1.745 N	
Max Shear Stress Possible (t max)	155100.000 PSI	1069376856.144 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.136	1.136	



Note: Body Length, Total Coils, End Type and End Position is for reference only.

Notes	Scale: 2.497	Revision #:	Drawn By:	Approved By:
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