



**NOTES:**

1. ELECTRICAL:
- 1.1 IMPEDANCE: 50Ω
  - 1.2 INSULATION RESISTANCE: 5000MΩ MIN
  - 1.3 FREQUENCY RANGE: DC~30GHz
  - 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000V MAX AT SEA LEVEL
  - 1.5 VSWR ≤ 1.35:1 @ DC-30GHz
  - 1.6 INSERTION LOSS: ≤ 1.5dB @ 30GHz
2. ENVIRONMENTAL:
- TEMPERATURE RANGE: -55° to +125°
3. CONNECTOR MATERIAL AND FINISH:
- BODY: STAINLESS STEEL TYPE 303, PASSIVATE
  - NUT: STAINLESS STEEL TYPE 303, PASSIVATE
  - CENTER CONTACT: BERYLLIUM COPPER
  - GOLD PLATING
  - DIELECTRIC: PEEK, N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN DWP 15/08/2012	<b>HASCO</b> HyTech Associates Sales Company, Inc			
DIMENSIONS INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK				NAME HLL142 Series
0 PLC ±0.25	1 PLC ±0.15 2 PLC ±0.12 3 PLC ± 4 PLC ± ANGLES ±1°	APVD	PRODUCT SPEC 30GHz Ultra Low Loss Flexible Cable Assemblies			
MATERIAL SEE TABLE		FINISH SEE TABLE	APPLICATION SPEC	Excellent Phase Stability vs. Flexure & Temperature		
WEIGHT		SIZE	CAGE CODE	DRAWING NO		
CUSTOMER DRAWING		A3	OT8L4	HLL142-35P-35P-18		
			SCALE	SHEET	RVE	
			4: 1	1 OF 1	1	