



- NOTES:
- ELECTRICAL:
 - IMPEDANCE: 50Ω
 - INSULATION RESISTANCE: $5000M\Omega$ MIN
 - FREQUENCY RANGE: DC~30GHz
 - DIELECTRIC WITHSTANDING VOLTAGE: 1000V MAX AT SEA LEVEL
 - VSWR $\leq 1.35:1$ @DC-30GHz
 - INSERTION LOSS: $\leq 1.0dB$ @30GHz

2. ENVIRONMENTAL:
 TEMPERATURE RANGE: -55° to $+125^\circ$

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.		DWN	DWP	16/08/2012	HASCO		
		CHK			HyTech Associates Sales Company, Inc		
		APVD			NAME HLL142 Series		
		PRODUCT SPEC			30GHz Ultra Low Loss Flexible Cable Assemblies		
		APPLICATION SPEC			Excellent Phase Stability		
					vs. Flexure & Temperature		
DIMENSIONS INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED		SIZE	CAGE CODE	DRAWING NO	
		0 PLC	± 0.25	A3	OT8L4	HLL142-35P-35P-12	
		1 PLC	± 0.15				
		2 PLC	± 0.12				
		3 PLC	\pm				
		4 PLC	\pm				
		ANGLES	$\pm 1^\circ$				
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT			
				CUSTOMER DRAWING			SCALE 4:1
							SHEET 1 OF 1
							RVE 1