THIS DOCUMENT IS THE PROPERTY OF INTELLICONNECT. THE DESIGN AND SPECIFICATIONS DISCLOSED HEREON ARE PROPRIETARY ANDPART NO.SHALL NOT BE REPRODUCED, COPIED NOR USED FOR MANUFACTURE OR SALE OF DEVICES WITHOUT EXPRESSED WRITTEN AUTHORIZATION.C427-ZZZ-101G-												
MATERIAL/FINISH PROPERTIES (HIGH DENSITY SMPM CONNECTOR)						MECHANICAL/ELECTRICAL PROPERTIES						
BC CC IN PLA ⁻ BC	SULATORS: PTFE PER ASTM TING PROPERTIES: DIES: .000040 MIN. GOLD PE .000050 MIN. COPPER NTACTS/BUSHINGS: .000040) or equ -G-45204 (11L-C-1458 Gold Pef	OVER 50	HIGH DENSITY SMPM CONNECTOR MEETS: MIL-STD-348, MIL-PRF-39012 ASSEMBLY MEETS: RoHS 3 2015/863/EU STANDARDS CONNECTOR DURABILITY: 100 CYCLES MIN. CABLE: .047" SEMI-RIGID, SEE TABLE FOR VARIANTS IMPEDANCE: 50 OHMS NOMINAL FREQUENCY RANGE: DC-40 GHz								
PART NUMBER C427-ZZZ-100G-XXX WHERE XXX IS FINISHED LENGTH IN MM ZZZ IS THE CABLE TYPE REFER TO TABLE FOR CABLE VARIANTS SUBSTITUTE ZZZ IN PART NUMBER						MOUNTING HOLE DIMENSIONS [4.75±0.05] .187±.002 [4.75±0.05] .187±.002 [4.75±0.075] .187±.002 [12.13] .187±.002 [12.13] .187±.002 [12.13] .187±.002 [12.13] .477 (10.25±0.075] .404±.003 [19.75±0.075] .778±.003						
					ZZZ Cable Group		Cable Descriptiopn				Ref	
		127						CB034				
		106	Silv	Silver Plated BeCu Inner / BeCu Outer				CB006				
		123		304 SS Inner / 304 SS Outer				CB019				
		118						CB028				
	/	114 104		Cupronickel Inner / Cupronickel Outer BCB02 ⁻ er Plated Cupronickel Inner / Cupronickel Outer BCB028								
1	HIGH DENSITY 8-WAY	092		· · ·				CB025 CB007				
SMPM PLUG SMPM JACK						Silve					CB007 CB039	
					128			•	•			
	IntelliConnect											
				MATERIAL & FINISH: PER TABLE ABOVE								
				UNLESS OTHERWISE SPECIFIED					APPR. B			
				ALL DIMENSIONS AR	DATE: 11/22/21		11/22/21 SCALE	DATE: 11 SIZE	/22/21			
	NPR 1914E	REP	11/22/21	X.XXX DIM'S = INCHES * [X.XX] DIM'S = MILLIMETERS CAGE CODE NO: 5N5S5 SCALE SIZE SURFACE FINISH: 63 MICRO MAX. CALES DART NO							A	
A				SURFACE FINISH: 6 ALL DIAMETERS TO BE CONCE	SALES	PART N		1010	SHEET			
REV	DESCRIPTION	APPR	DATE			DRAWING	C4	427-ZZZ-	-101G-	1 OF 1		