

	A	B	C	D	E	F	G	H	I	J
1										
2	IN-LINE RECEPTACLE ☐ OVERALL LENGTH ± _____ 1.51 STRAIN RELIEF OPTIONAL IMATE 28 1.69 CABLE PLUG ☐ IMATE 28 OPTIONAL LOGO OR CUSTOM LOGO ICONN IN-LINE RECEPTACLE ☐ CABLE PLUG ☐ ICONN									
3										
4	RIGHT ANGLE KEY ORIENTATION (FACE VIEW) STANDARD 45° INCREMENTS RIGHT ANGLE ☐ 1.18 1.30 IMATE 28 SEE BELOW LABEL: ☐ FLAG ☐ WRAP AROUND ☐ INK JET ☐ NONE REQUIRED ☐ RIGHT ANGLE ☐ ICONN									
5										
6	END A ☐ OPTIONAL 1.07 END A ☐ END B ☐ STANDARD 1.12 END B ☐ BLUNT CUT ☐ CABLE END PREP: JACKET STRIP ± _____ WIRE STRIP ± _____ SLUG: YES ☐ NO ☐ TIN: YES ☐ NO ☐									
7										
8	CABLE SPECIFICATION CABLE MFG / PART #: FILL OUT BELOW IF NO CABLE MFG OR PART #: JACKET COLOR: JACKET MATERIAL: CONDUCTOR SIZE: STRANDING: TINNED/BARE: # OF CONDUCTORS: CONDUCTOR INSULATION: SHIELD: DRAIN: VOLTS: UL: CSA: OTHER: SPECIAL REQUIREMENTS / LABEL INFO: OVERMOLD: OVERMOLD MATERIAL: _____ I.P. RATING: _____ OVERMOLD COLOR: _____ UV RESIST: - YES / NO PACKAGING SPECS: 1. IF LENGTH IS < 3FT. CABLE IS BUNDLED 2. IF LENGTH IS > 3FT. CABLE IS COILED WITH I.D. =5" (UNLESS OTHERWISE SPECIFIED) 3. MISC:									
9	ALL DIMENSIONS ARE SPECIFIED IN: IN [MM] TOLERANCES UNLESS OTHERWISE SPECIFIED: ENGLISH XX = ±0.02 IN XXX = ±0.10 IN METRIC X = ± 2 MM XX = ± 10 MM FRACTIONAL = ±1/64" ALL ANGLES = ±5° THIRD ANGLE PROJECTION DESIGNED BY: M. CORTESE DATE: 02-01-22 DESIGN APPROVED BY: R. SMITH DATE: 03-11-22 DRAFTED BY: M. CORTESE DATE: 02-01-22 CHECKED BY: R. SMITH DATE: 03-11-22 SIZE B DO NOT SCALE THIS DRAWING DRAWING SCALE: 8:1 CONFIDENTIALITY NOTICE THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION AND IS SUPPLIED BY ICONN SYSTEMS, LLC. THE OWNER OF SUCH INFORMATION, IN ACCEPTING THIS DRAWING, THE USER AGREES THAT IT IS FOR THE USER'S SOLE USE, THAT IT WILL NOT BE REPRODUCED OR DISTRIBUTED TO OTHERS, AND THAT THE INFORMATION CONTAINED THEREIN WILL NOT BE USED IN ANY MANNER DETRIMENTAL TO ICONN SYSTEMS. SECONDARY INTERCONNECTION MFG P/N ICONN an R2M co. SYSTEMS, LLC 1110 N. GARFIELD ST. LOMBARD, IL 60148 TEL: (630) 927-6000 FAX: (630) 927-6006 ICONNSYSTEMS.COM DRAWING TITLE: IMATE 28 SALES OPTIONS DRAWING NUMBER: IMATE 28 TEMPLATE DRAWING TYPE: SALES SHEET: 1 OF 2 REV. A									
10	WIRING TABLE LEGEND: N/T = NOT TERMINATED, N/C = NO CONTACT, M/C = MOLDED CLOSED									

	A	B	C	D	E	F	G	H	I	J				
1	PLUG FACE VIEWS *													
2	12 AWG CONTACTS	2 POLE (PIN / SOCKET)	3 POLE (PIN / SOCKET)	4 POLE (PIN / SOCKET)										
	END A/B													
	PIN/SOCKET													
3	16 AWG CONTACTS	4 POLE (PIN / SOCKET)	5 POLE (PIN / SOCKET)	6 POLE (PIN / SOCKET)										
	END A/B													
	PIN/SOCKET													
4														
5	20 AWG CONTACTS	4 POLE (PIN / SOCKET)	5 POLE (PIN / SOCKET)	6 POLE (PIN / SOCKET)	7 POLE (PIN / SOCKET)	8 POLE (PIN / SOCKET)	9 POLE (PIN / SOCKET)	10 POLE (SOCKET ONLY)	12 POLE (SOCKET ONLY)	14 POLE (SOCKET ONLY)				
	END A/B													
	PIN/SOCKET													
	*NOTE - INLINE PINOUTS ARE MIRRORED													
6	ACCESSORIES / COLORS: - SEALING CAP/COVER - SECONDARY SEAL (INLINE ONLY) - TERMINATOR PLUG (NO CABLE) - COUPLING RING COLORS: - BLACK (STANDARD) - BLUE - RED - GREY													
7														
8														
9	WIRE COLOR CODE END "A"													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	WIRE COLOR CODE END "B"													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10	WIRING TABLE LEGEND: N/T = NOT TERMINATED, N/C = NO CONTACT, M/C = MOLDED CLOSED													

CONNECTOR CHECKLIST:

PAGE 1

- END A STYLE SELECTION
- END B STYLE SELECTION
- LABEL
- STRIP/TIN/SLUG
- OTHER INTERCONNECT
- COUPLING RING STYLE
- CABLE SPECIFICATIONS
- OVERMOLD MATERIAL / COLOR / UV

PAGE 2

- END A PINOUT
- END A GENDER
- END B PINOUT (IF APPLICABLE)
- END B GENDER (IF APPLICABLE)
- WIRING TABLE
- ACCESSORIES/COLORS

ALL DIMENSIONS ARE SPECIFIED IN: IN [MM]		DESIGNED BY: M. CORTESE	DATE: 02-01-22
TOLERANCES UNLESS OTHERWISE SPECIFIED: ENGLISH XX = ±0.02 IN XXX = ±0.10 IN		DESIGN APPROVED BY: R. SMITH	DATE: 03-11-22
METRIC X = ± 2 MM XX = ± 10 MM		DRAFTED BY: M. CORTESE	DATE: 02-01-22
FRACTIONAL = ±1/64" ALL ANGLES = ±5°		CHECKED BY: R. SMITH	DATE: 03-11-22
THIRD ANGLE PROJECTION		SIZE B	DO NOT SCALE THIS DRAWING
CONFIDENTIALITY NOTICE THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION AND IS SUPPLIED BY ICONN SYSTEMS, LLC. THE OWNER OF SUCH INFORMATION, IN ACCEPTING THIS DRAWING, THE USER AGREES THAT IT IS FOR THE USER'S SOLE USE, THAT IT WILL NOT BE REPRODUCED OR DISTRIBUTED TO OTHERS, AND THAT THE INFORMATION CONTAINED THEREIN WILL NOT BE USED IN ANY MANNER DETRIMENTAL TO ICONN SYSTEMS.		DRAWING SCALE: 8:1	DRAWING NUMBER: iMATE 28 TEMPLATE
		DRAWING TYPE: SALES	SHEET: 2 OF 2
		REV. A	

