



SCALE 1:1

NOTES:

1. MATERIAL: TPE  
OTHER MATERIALS AVAILABLE
2. SIGNAL CONTACT PLATING: NICKEL, THEN SOFT GOLD
3. PIN SETBACK: 0.07" [1.7MM]  
EN 60601 TOUCHPROOF
4. GENERAL PERFORMANCE (CONTACT P1T FOR TEST CONDITIONS)  
LIFE CYCLE: 1000+ INSERTION CYCLES  
HIPOT: 1000 VAC  
MAX. CURRENT: 8 AMPS  
NOTE THAT OVERALL SYSTEM PERFORMANCE IS WIRE DEPENDANT
5. UL94 HB
6. MATES WITH 441, 455, 503, AND 36385
7. EXTRACTION FORCE: 441-497: 2.2 LBS (9.7 N) AVERAGE  
PERFORMANCE NOT GUARANTEED IF MATING TO NON-P1T PRODUCTS.

J	REV PER ECO 40861 MAB 10/4/23	10/16/23	SLH
H	REV PER ECO 33524 WDS 2/28/19	3/1/19	JA
G	REV PER ECO 14468 WDS 10/28/10	11/15/10	JEO
F	REV PER ECO 9647 GSOX 5/22/06	6/15/06	GSOX
E	REV PER ECO 8031 JS 6/29/04	12/22/04	JS
D	REV PER ECO 7781 XZ 3/15/04	3/24/04	SH
C	REV PER ECO 3331 SJ 2/10/98	2/12/98	KG
B	REV PER ECO 2671 SJ 3/24/97	3/25/97	SJ
A	REL PER ECO 2103 SJ 6/29/96	6/29/96	SJ
REV.	DESCRIPTION	DATE	APPROVED

TOLERANCES UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES DIMENSIONS IN [ ] METRIC  FRACTIONAL ±1/64  DECIMAL .00 ±.01 [.25mm] .000 ±.005 [.127mm]  ANGULAR ±.5°	APPROVALS	DATE
	DRAWN JAMISON	6/24/96
	CHECKED T. HOFFMAN	10/05/23
	PROJ ENGR	
	APPROVED J. REHAK	10/5/23
PROJECT	FSCM	

**P Technologies**  
 BECAUSE EVERYTHING CONNECTS  
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TITLE		CONNECTOR, 497, 1.5mm TOUCHPROOF MALE	
SCALE		2:1	
SIZE	DWG	REV	SHT
A	37552-50	J	1 OF 1

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