



SPECIFICATIONS

MECHANICAL:
SHOCK: MIL-STD 202 METHOD 213B, COND. K.
VIBRATION: MIL-STD 202 METHOD 201
LIFE: 300 INSERTION/WITHDRAWAL CYCLES (MINIMUM)

ELECTRICAL
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VAC
INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F
CONTACT RESISTANCE: 5.0 MILLOHMS MAX.
CURRENT RATING: 7.5 AMPS (#20 CONTACT)
6.5 AMPS (7 & 8 PIN #20 CONTACT)
13.0 AMPS (#16 CONTACT)

ENVIRONMENTAL
TEMPERATURE LIMITS: -40°C TO +65°C (NON-OPERATING)
MOISTURE RESISTANCE: MIL-STD 202 METHOD 106F
INSULATION RESISTANCE: MIL-STD 202 METHOD 302, COND. B
THERMAL SHOCK: MIL-STD 202 METHOD 107G
SALT SPRAY: MIL-STD 202 METHOD 101D, COND. B
WATER TIGHTNESS TEST: U.S. COAST GUARD CFR 46 PART 110.20

- NOTES:**
- HEX NUT TORQUE:
8 TO 10 INCH-LBS. OF TORQUE
(MUST NOT EXCEED 10 INCH-LBS.)
 - HEX NUT SHIPPED UNASSEMBLED.



CONTACT ARRANGEMENT

SHOWN ARE REAR VIEWS OF
MALE PANEL CONNECTORS



MATERIALS:
PANEL CONNECTOR SHELL, CONTACT LOCKING DISC:
THERMOPLASTIC POLYMER GLASS FIBER, FLAME RETARDANT

CONNECTOR SHELL INTERIOR:
THERMOPLASTIC RUBBER

CONTACTS: COPPER BASE ALLOY GOLD-PLATED
OVER NICKEL UNDERPLATE

HEX NUT: THERMOPLASTIC



- ¹STANDARD CONFIGURATION
- CONTACT SIZE: #20
- CONTACT STYLE: SOLDER CUP
- CONTACT PLATING: GOLD
- CONTACTS FACTORY INSTALLED
- PACKAGED IN BULK
- ²OPTIONAL CONFIGURATION
- LEAVE BLANK FOR STANDARD CONFIGURATION

REV	ECO NUMBER	DATE	BY	APVD
G	24661	3-4-04	JL	EB
F	23595	2-6-01	JL	DK
E	22232	4-30--98	SG	RB
D	ECO #21461	12-2-96	MM	FL
C	ECO #19815	10-9-95	RC	KS
B	FIRST DRAWN	1-28-95	SG	FL

REVISIONS

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS IN INCHES
- TWO PLACE DECIMALS ±0.01
- THREE PLACE DECIMALS ±0.005
- ANGLES ±1°
- ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.
- FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
- REMOVE ALL BURRS

DO NOT SCALE DRAWING

CUSTOMER DRAWING

THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.

SIZE	WIDTH	MULT	LBS/M	TEMPER

FINISH SPEC No.

MATERIAL SPEC No.

DATE DRAWN: 1-28-95 BY: SG CHKD: SG 2-27-95 APVD: FL 2-27-95

SCALE: 3:1

NAME: MALE PANEL CONNECTORS EN3P_M SERIES

PART No.: EN3P_M

REV: G

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[EN3P4MPX](#) [EN3P4MX](#) [EN3P3FX](#) [EN3P5FX](#) [EN3P5MX](#) [EN3P6FX](#) [EN3P6MX](#) [EN3P8MX](#) [EN3P10F26SX](#)
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[EN3P4FCX](#) [EN3P4FPX](#) [EN3P4MCX](#) [EN3P5FPX](#) [EN3P5FRAPCX](#) [EN3P5MCX](#) [EN3P6FPX](#) [EN3P6FRAPCX](#)
[EN3P7MPX](#) [EN3P7MX](#) [EN3P8MCX](#) [EN3P8MPX](#) [EN3P9F26SX](#) [EN3P9F26X](#) [EN3P9M26SX](#) [EN3P9M26X](#)
[EN3P3MX](#) [EN3P6FXPKG](#) [EN3P8MXPKG](#)